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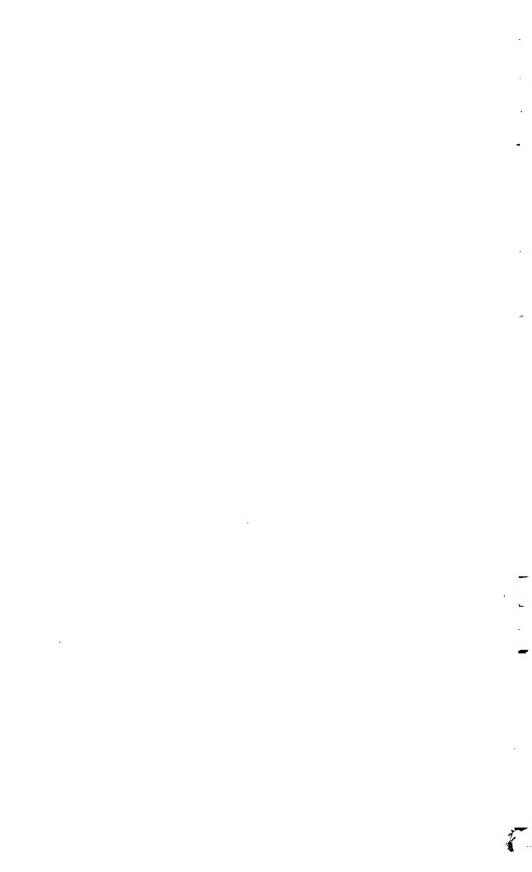
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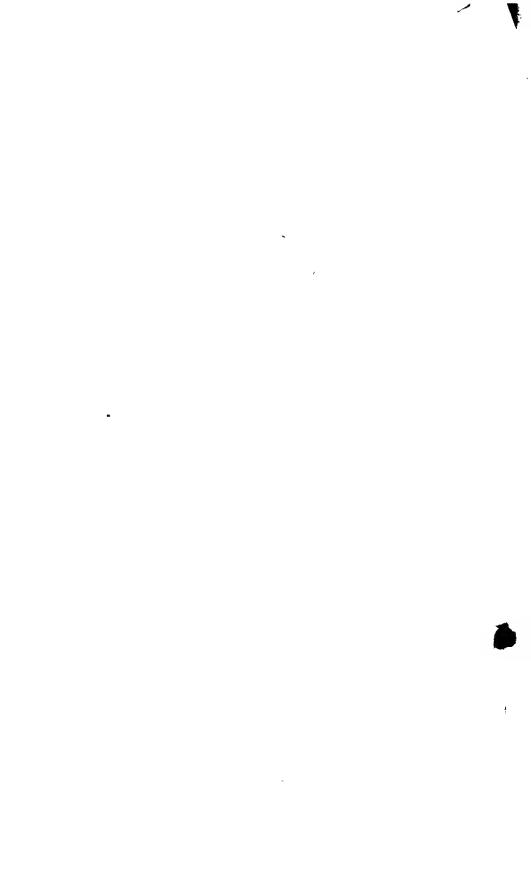
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GAZETTEER

OF THE

ROHTAK DISTRICT.

1883-4.



Compiled and Published under the authority of the PUNJAB GOVERNMENT.

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PREFACE.

The period fixed by the Punjab Government for the compilation of the Gazetteer of the Province being limited to twelve months, the Editor has not been able to prepare any original matter for the present work; and his duties have been confined to throwing the already existing material into shape, supplementing it as far as possible by contributions obtained from district officers, passing the draft through the press, circulating it for revision, altering it in accordance with the corrections and suggestions of revising officers, and printing and issuing the final edition.

The material available in print for the Gazetteer of this district consisted of the Settlement Reports, and a draft Gazetteer compiled between 1870 and 1874 by Mr. F. Cunningham, Barrister-at-Law. Notes on certain points have been supplied by district officers; while the report on the Census of 1881 has been utilised. Of the present volume, Section A of Cap. V (General Administration), and the whole of Cap. VI (Towns), have been for the most part supplied by the Deputy Commissioner; Section A of Cap. III (Statistics of Population) has been taken from the Census Report; while here and there passages have been extracted from Mr. Cunningham's compilation already referred to. But with these exceptions, the great mass of the text has been taken almost, if not quite verbally, from Mr. Fanshawe's Settlement Report of the district.

The draft edition of this Gazetteer has been revised by Colonels Grey and Harcourt and Messrs. Steel and Fanshawe, and by the Irrigation Department so far as regards the canals of the district. The Deputy Commissioner is responsible for the spelling of vernacular names, which has been fixed throughout by him in accordance with the prescribed system of transliteration. The final edition, though completely compiled by the Editor, has been passed through the press by Mr. Stack.



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Table No. 1, showing LEADING STATISTICS.

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			DETAIL OF TAHSILS.	Tahsils.	
DETAILS.	District,	Rohtak.	Jhajjar.	Sámpla,	Gоћана.
Total square miles (1881)	1,811	587	69F	417	338
Cultivated square miles (1878)	1,415	461	998	346	242
Culturable square miles (1878)	257	90	56	38	23
Irrigated square miles (1878)	230	11	99	1-	86
Average square miles under crops (1877 to 1882)	1,216	357	291	306	262
Annual rainfall in inches (1866 to 1881)	18.8	18.8	193	20.8	20.1
Number of inhabited towns and villages (1881)	486	101	13.1	123	78
Total population (1881)	5,53,609	1,71,215	1,12,485	1.42.177	1,27,732
Rural population (1881)	4,54,147	1,20,690	1,00,835	1,31,359	1,01,263
Urban population (1881)	99,462	50,525	11,650	10.818	26.469
Total population per square mile (1881)	306	292	240	341	878
Rural population per equare mile (1881)	251	2045	215	315	300
Hindus (1881)	4,68,905	1.34.917	97,668	1,29,508	1,06,812
Sikhs (1881)	159	95	i~	11	÷
Jains (1881)	5,000	1,334	104	263	3,295
Musalmans (1881)	79,510	24,834	24,703	12,391	17,579
Average annual land revenue (1877 to 1881)*	9,21,853	2,11,024	2,21.740	2,66,151	2.19,938
Average annual gross revenue (1877 to 1881) †	1,058.832	;	:	;	:
* Flact fluctuating, and miscellaneous.		Land. Tribute. I	† Land. Tribute. Local rates, Excise, and Stamps	and Stamps.	

ROHTAK.

CHAPTER I.

THE DISTRICT.

SECTION A.—DESCRIPTIVE.

The Rohtak district is the most sonth-eastern of the three districts of the Hissár division, and lies between north latitude 28° 19' and 29° 17', and east longitude 76° 17' and 77° 0'. It is situated on the confines of Rájpútána, far beyond the southern General description. boundary of the Panjáb proper; and is in shape extraordinarily like Ireland, with the south-eastern portion of Jhajjar superadded. Its length is 62 miles, and its breadth in the centre 40 The centre of the district is about 730 feet above sea level, and the fall of the country as far as the Jhajjar border is from north to south at about one foot per mile. In Jhajjar the slope is slightly from south to north, and the Rohtak district is remarkable as the point where the watershed of Mulwah to the north-west changes to that of Rájpútána from the south. In the three northern tahsíls there is also a very considerable slope from west to east. district is bounded on the north by Jind territory and the Panipat talisit of Karnál; on the east by the Sonepat and Delhi talisis of Delhi and the Gurgáon tabsíl of the Gurgáon district; on the south by the Pataudi State, the Rewari tahsil of Gurgaon, and the Nahar villages of the Dujána Nawáb; and on the west by the Dádri pargana of Jind, the Bhawani and Hansi tahsils of Hissar and the Jind territory itself.

It is divided into four tahsils, of which that of Gohána comprises the northern, that of Jhajjar the southern, that of Sampla the east central, and that of Rohtak the west central portion of the district. At the points of junction of the three southern tabsíls, and completely surrounded by Rolltak villages, are situated the two estates of Dujána and Mahrána, comprising an area of 11½ square miles, and forming a portion of the territory of the Dujána State. Some leading statistics regarding the district and the several tahsils into which it is divided are given in Table No. I. on the opposite The district contains two towns of more than 10,000 souls,

as follows:--

Rolitak ... 15,699 11,650 Jhajjar

The administrative head-quarters are situated at Rohtak a little to the north-west of the centre of the district; and while only the southern half of the Jhajjar tabsil lies more than 25 miles from the civil station, the furthest points are barely 40 miles distant. Rohtak stands 27th in order of area and 19th in order of population, among the 32 districts of the province, comprising 1.70 per

Chapter I, A. Descriptive.

Chapter I, A.

Descriptive.

General description.

cent. of the total area, 2.94 per cent. of the total population, and 4.08 per cent. of the urban population of British territory. It contains but little more than half the average area of a Punjáb district; but in extent of cultivation it ranks eighth, and in amount of revenue sixth, among the districts of the province. The latitude, longitude, and height in feet above the sea of the principal places in the district arc shown below:—

	Town.	N. Latitude.	E Longitude	Feet above sea-level,
Rohtak Jhajjar Sámpla Gohána		 28° 54° 28° 37° 28° 47° 29° 8°	76° 38' 76° 41' 76° 49' 76° 45'	712 800* 850* 750*

· Approximate.

Physical aspect.

Though Rohtak possesses no grand scenery, yet the canals with their belts of trees, the lines of sand-hills, the natural streams and lakes, and a few small rocky hills, in the south-west, give the district more diversified features than are met with in many of the plain tracts of the Punjab. The eastern border lies low, at the same level as the Delhi branch of the western Jamná canal, and the Najafgarh ihil, to which the streams of the Sahibi and Indori was across the eastern corner of Jhajjar. A few miles from the east border, taken at the centre of the district, the surface rises gradually to a level plateau, which, speaking roughly, stretches as far as the town of Rohtak, and is in a manner demarcated east and west by two rows of sand-hills. Beyond the western line the surface slopes up again, till it ends on the Hissar border in a third high range. The depth of the water below the surface in the wells of those villages which are removed from the influence of the canals and streams, testifies clearly to the general exterior configuration of the country. Along the whole east border the depth to the water is 28 feet; at a distance of ten miles from the Delhi boundary, and along a line drawn from below the canal village of Gánwri in Golána to Khúngái in Jhajjar, the average depth is 67 feet; down the centre of the district from the town of Rohtak to Gwalesan the depth is 67 feet also; at a distance of 7-9 miles from the western border, the water is 80 feet below the surface, and along the western boundary of the Rohtak tahsil 115 fect, Through the centre of the northern pargana and extending down to the Delhi and Hissár high road, runs a well-marked broad depression called locally the Nái naddi, and which was once, no donbt, an arm of the river Jamná. Along the bed or edges of this line of drainage. the Rohtak canal is brought, with a length of 32 miles in this district. The west of the Gohana tahsil is irrigated by the Bútánah canal; while the villages on the eastern border, and in the northeast of Sámpla, receive water by means of long courses dug from the Delhi branch. The line of sand-hills which, with breaks here and there, runs down the eastern side of the Rohtak tahsil, rises to a considerable elevation in the Jhajjar sub-division which it crosses obliquely in a south-east direction. Below this range

Chapter I, A.

Descriptive.
Physical aspect.

the nature of the country changes, and the surface becomes more undulating, and the soil lighter; the depth of the water from the surface is also less by ten feet than in the wells along the northern edge of the talisil, and, except in a few westerly villages, does not lie more than 45 feet from the ground. This is the tract of the wells, which elsewhere in the district are found in numbers only in the flood-affected tract of Sampla, and in a few villages above and below Bahádurgarh on the low-lying castern border. Along the east of the Jhajjar tahsil and in the south-east corner of Sampla, lie the villages which receive floods on their way to or from the Najafgarh jhil, and which are locally called dahri or dábar; in the southern talisil the course of the streams is dotted with lakes enclosed by sand-hills. In the extreme south-east of the district three small rocky hills are found, rising about 300 feet above the surface of the country, and of the same nature as many others situated in Rewari and Dádri, and visible from them.

Canals.

The Rohtak canal derives its origin from the first attempt of Nawab Mardan Ali Khan to divert water from the old channel constructed for the irrigation of the hunting ground of Hissar-Firoza to the city of Delhi, which occurred in or about 1643 A.D. Seeking to avail himself of the former line as far as possible, the great engineer took his canal out of that dug more than 250 years before him at Jóshi, and followed the natural depression of the Nái naddi to Gohána, from which point he turned off in a southeast direction to Játolá below Kharkhaudah. This line may still be plainly traced from Goliána, to the north-east corner of Sámpla, through Rabarhá, Katwál, Bhainswál Kalán, Farmánah Bidhlan, and Khandah. The alignment, however, did not turn out a success, and on one occasion the works below Gohána, by which the water was diverted from the depression, gave way, and a terrible flood poured down the hollow on to the old town of Lalpura, lying two miles west of Rohtak, which it is said to have destroyed. This is hardly possible, though the malaria engendered by the flood may have been the cause of the depopulation of the place; but at any rate on account of this accident a new line, which is still in use, was dug for the Delhi canal, from Rer, above Jóshi, to Játolá. After fertilising the country for 120 years, the Rohtak canal, which, under the Mughals, extended only as far as Gohána, ceased to flow about 1760 A.D. In 1795 it was described by George Thomas as "out of repair, dried up, and in many places almost destroyed." The people spoke of it regretfully then, as the Nahr-i-Bihisht, the Canal of Paradise. Water was first restored in 1821, and four years later the canal was properly repaired; in 1831 it was extended to the town of Rohtak, and has continued to run without interruption ever since. During all the mad follies of the summer months of 1857, no one attempted to destroy the canal. Shortly after it was re-opened, the famine of 1833-34 gave an immense impulse to irrigation, and a second drought in 1837-38 led the people to turn their attention to the permanent use of the water of the canal. It leaves the Hissar branch at Joshi, 14 miles above the northern boundary of Gohána, and enters the district with

Chapter I, A.

Descriptive.

Canals.

a nominal maximum discharge of 300 cubic feet per second; the bed, however, is at present badly silted, and the actual discharge is about 220 cubic feet only. The Butanali canal was dug in 1836-37, in order to water the higher-lying villages to the west of the main central depression; it also leaves the Hissár canal near Jóshi, and has a maximum discharge of 180 cubic feet per second where it enters the Rohtak district. Near Gangánah it divides into two branches, one fork passing east of Bútánah, and the other Irrigation from these canals is, as a rule, effected by short water-courses; the only large distributaries are those to Ahmadpur, Májrá, Gánwri, Káhní and Púthí, and Makraulí Khurd. north-east corner of Gohana is watered by the tail of the Waisarwalla Rájbaha (discharge 30 cubic feet per second), which leaves the Rohtak canal 11 miles above the border. Below this corner a number of cuts taken out of the Delhi canal, which is about 5 or 7 miles distant, and known as the Jadid Rájbáhás Nos. IX and XII (which are named locally after the villages which they irrigate), and the Bhainswal Rajbaha, water the border villages of the tahsil. Rájbáhá No. XII enters the district at Saragthal, and is tailed into the Rohtak canal, below the Rabarhá bridge after crossing the lands of Kakánah, Jaulí, Kherí Damkan and Barotah. The discharge of this channel is at present 90 cubic feet per second, and it is intended to supply irrigation to all villages below the point where it joins the Rohtak canal, and thus allow the obstructions caused by the old canal banks, across the lines of natural drainage around and above Mahmúdpúr and Gohána to be removed. The villages along the eastern border began to irrigate in 1833-36, with the exception of those on the Bhainswal Rajbaha, which was constructed in 1867, but all the distributaries from the Delhi canal have lately been remodelled. The Sampla villages are irrigated by six principal watercourses, known as the Silánáh, Sissánáh, Rohnáh, Baronáh, Gopálpur, and Tikri Rájbáhás; the last irrigates the three detached canal villages of Bahádurgarh, Parnálah and Hasanpur. The channels, except the last, were constructed between A.D. 1833 and 1839; the Rohnáh and Gopálpur cuts have a discharge of about 25 cubic feet per second each, the others are smaller; the Delhi canal is 3 or 4 miles distant from the edge of the district where these water-courses are taken ont of it. The Gopálpur Rájbáhá has lately been much improved and extended, and it now reaches down to Asaudah.

Canal drainage lines. Closely connected with the canals are the canal drainage lines of the Sámpla tahsíl. These unite east of Hasangarh, from which place a shallow course is scratched on the surface of the country through Jasaur, Asaudah and Sánkhaul to the depression which runs up from the far north end of the Najafgarh jhúl to Bahádurgarh. A second channel, which runs down the Delhi border from Thana Kalán by Kntabgarh, Ládpur and Nizámpur, is also tailed into the Bahádurgarh depression. The west arm of the Rohtak drain comes from Juán, eight miles above the northern border of the tahsíl, and passes through the villages of Ridháo, Gorar, Bakhetá and Humáyúnpur; into it the waters of the Juán swamp pour, when the rains are heavy and the Delhi canal is full. Two eastern branches, the westerly from the Bhatgáon jhíl and the

easterly from Badánah (which places lie five and four miles from the Sámpla border), unite in Khándah and pass through Kharkhaudah and Robnáh to Hasangarh, the floods being diverted by a Canal drainage lines. moderate cutting and bank from breaking across the north of Kharkhaudah and joining the drainage line at Thana Kalán above The lines are known locally us the Gandá nálá, putrid mentioned. channel, or bad-ro, and during late years they have wrought terrible havor in the villages which they traverse. The channel was badly chosen, and was quite unprotected; the floods used to escape into the village ponds, over the village lands, and up to the interior of the very villages themselves. The drainage lines have been completed, and have been supplemented by a drain from Narkaudah which passes into the main drain; and are now in perfect working order.

Turning from the canals, we come next to the natural streams of the Jhajjar tahsil, which flow from south to north, and, after falling into the Jamna through the Najafgarh jhil, flow back from north to south. The Sahibi rises in the Mewat hills running up from Jeypúr to Alwar near Manoharpur and Jitgarh, which are situated about 30 miles north of the capital of the former State. Gathering volume from a hundred petty tributaries, it forms a broad stream along the boundary of Alwar and Patan, and crossing the north-west corner of the former below Nimranah and Shajehanpur, enters Rewari above Kót Kásim. From this point it flows due north through Rewari and Pataudi (passing seven miles east of the former town, and three miles west of the latter), to Lohári in the southeast corner of the Jhajjar tahsil, which it reaches after a course of over 100 miles. Flowing through Lohárí and throwing off branches into Pataudáh and Kheri-Sultán, it again passes through the Gurgáon district, till it finally enters Rohtakat the village of Kutani. The Indori rises near the old ruined city and fort of Indor. perched on the Mewat hills, west of the Gurgaon town of Nuh. One main branch goes off north-west and joins the Sahibi bed on the sonthern border of the Rewari tabsil; while the collected waters of a number of feeders of the north branch pass three miles west of Taurn, spread over the low lands round Bahora and ultimately also fall into the Sahibi near the south of Pataudi. The two streams have no separate bed now above this point; the east branch in Kutáni, which is called the Indori, really takes off three miles below the Jhajjar border from the same bed as the west branch or Sáhibi. The reason why the Indori preserves its separate name, and is almost the better known of the two streams, is that owing to the proximity of its sources its floods appear after a moderate rainfall, while the Sáhibi, which flows a long distance through a dry and sandy country, comes down in volumes only in years of heavy rain. Under native rule, moreover, the Sáhibi used to be dammed across at Kot Kásim and Jharthal on the south border of Rewari, and its waters were diverted to the west, so that only the Indori floods flowed down the Sáhibi channel. Still, in spite of the two names, it is an undoubted fact that there is only one channel by which the united waters of both these streams enter the Rohtak district.

Chapter I, A. Descriptive.

Natural streams.

Sáhibi.

Indori.

Chapter I, A.

Descriptive.

Ladori.

On reaching Kutáni, the stream divides into two branches. One passes due north and joins the depression between Yakubpur and Fattehpur; the other turns west, and in Naglah again divides, the one branch passing up to the low lands above Dádri, and the other continuing west to Záhidpúr. After throwing an arm into the Buthérah jhil, the latter turns north to Aurangpur, and flows through a lake there along the foot of the sand-hills to Silánah and the two Siláuis. At this point it changes its course abruptly to the east, and passes through a gap in the sand-hills to the lake between Kot Kalal and Surah, and thence working south to the lakes of Kailoi and Dádri (where it is joined by the branch going north from Naglah), falls into the expanse between Súndhí, Yakúbpúr and Fattehpur, to which the branch from Kutani flows direct. From here the re-united stream turns sharply to the north again, and passing through a second sand ridge, between Fattehpur and Niwanah, enters Badli through the masoury sluices of the often threatened but still existing band of Nawab Feiz Muhammad Khan. Thence it passes into the Dellii district by two arms, the best defined going through Dewarkhánah and Lohat to Dhindhása, and the other by a huge shallow sweep up the west side of Bádli and nuder the town. When the floods come down in full volume, all the depressions along their course fill from side to side: the water generally rises in a few days and passes off in two or three weeks. The lakes above Aurungpur and below Kot Kalal and Surah never dry, and even the others usually retain some water in the lowest parts of their beds all the year round. The Najafgarh jhil lies five miles distant from the Jhajjar border, and throws out from the centre and northern end two shallow depressions, fourteen miles and eight miles long, back to Bapanialı and Bahadıngarh; while the low-lying lands of Jhajjar are thus irrigated by the streams as they come down to the jhil; those of Sámpla are affected by floods passing up from the overfilled jhil itself. The view of the lakes with their waters rendered intensely blue by the surrounding sand-hills, fringed with luxuriant crops of wheat and sugarcane, and covered with flocks of ducks, geese, and snow-white pelicans, is very beautiful in the spring.

Kashnoti.

Besides the Sahibi and Indori, the Kashaoti or Hansaoti used to irrigate the Jhajjar tahsil. This rises below Patan, west of the northern sources of the Sálubi, and takes a uniformly northeastern course along the border of Nimránáh, to the western boundary of Rewari, from which it passes into the corner of the Jhajjar below Koslí, after a conrse of some 60 miles. It was once united to the Sahibi by a channel across the south of the Jhajjar tahsil, but this has long ceased to carry water, and is hardly traceable now. The main depression is well marked in many places, and in the spring may be easily traced by the more luxuriant crops grown along its bed. Five and a half miles below the Rolitak boundary, the stream is dammed at Dahina, and, in consequence, flood waters seldom come down it now, except in years of very heavy rain. Inside the Jhajjar tahsil its course runs between Koslí and Guriáni, past Túmbáherí, Chhapár, and across the north of Khúdan to Surahtí, where it divides into two arms. The eastern branch passes due north through the sand-hills, and ends in the south corner of the lands of Jhajjar: the western turns to Kanwah (near which it is most markedly

defined), and following the north-western slope of the sand-hills along their southern base, extends to Chhúchhakwás, and thence by a broad flat depression, to the south of the Rohtak tahsil itself below Berí.

Sand-hills run down the centre of the district in two pretty regular and parallel lines from north to south, the westernmost, by the town of Rohtak, being the far more important: parallel again to these is the short line on the Hissar border. The worst stretches of sand are found in the range which slopes downwards across the north of the Jhajjar tahsil. The sand-hills which lie south of this chain are of a different character to anv others, being broad-backed and without sharp crests. There are four kinds of sand-hills: those on which inferior autumn crops are grown; those on which good grass is found with babil bushes. and khip and pála jungle; those on which sar and ákh alone will grow; and those on which nothing will grow, being merely beds of shifting sand, constantly moving on from west to east and occasionally threatening villages, as in the case of Búriawás. sand-hills of the northern tabsil are generally of the first class with a little drift sand on their crests. The second class is well represented by the ridges in Dubaldhan and Dúrínáh; the third class may be seen in the lines round Karandah; while the fourth consists generally of patches scattered throughout ranges of one of the other classes. The worst stretch of this type lies west of Dáolah and Baktiárpúr in Jhajjar.

The surface of the country, although flat, undulates more or less everywhere, and a perfectly level stretch of any extent is rare. The soil consists as a rule of a good, light-coloured, alluvial loam, called rausli, which yields splendid crops in return for very little labour; the lighter and sandier soil found in the ridges and at lower elevations is called bhár, while the clay soils are termed dákar and matiyár, according to their tenacity; the former splits into fissures after being irrigated. The clay soils are found only in depressions, to which the greater amount of their argillaceous matter has been conveyed by the rain from the surrounding higher lands: they are commonest along the central canal drainage line, and in the naturally flooded (dahri) depressions, where they form an exceedingly rich black soil in Jhajjar, and a curious grey soil (perhaps in the process of becoming black) round Bupaniah. The names of the soils were introduced by the North-Western Amins at the first Regular Settlement, but they are now universally and solely recognised. The whole of the soil contains salts, and is termed khári biswáh by the people. The water in the drinking wells throughout the district is kept sweet only by the canals, or the natural streams, or the tanks, on which they are everywhere Reh efflorescence, called shor, is unfortunately not unknown, Saline efflorescence. although it has not developed along the canals in Rohtak so badly as in Delhi and Karnál; it occurs chiefly in Mahmudpur and a few other villages above Mahmidpur in the north-east of the Gohana tahsíl, round Kharkhándah, and above the town of Rolitak. The evil in nearly all of these cases is caused by obstructions to the natural drainage lines. The main depression down which the Rohtak

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Sand-hills.

Soils.

Chapter I, A. Descriptive.

Saline efflorescence.

Climate.

canal is taken, commences above Safidon, and is joined at intervals by a number of others from the east, starting below Karnál and Pánipat. One of these side lines joins the main branch at Mahmúdpúr, another at Gohána, and here it is that the chief development of reh is caused by the drainage water being held up by the canal bank. Round Chhichránáh and above Rohtak, the harm is done by the canal crossing the main depression of the Nái naddi; in the north-east of Sámpla the water-courses check the natural flow of the surface drainage water in many places, and recently the floods from the bad-ro have in most villages seriously aggravated the evils of older origin. The Rájpút estates in the south-east of Jhajjar, and those in the east of the circle, of unlined wells (cháhát khám) suffer a good deal from salt efflorescence; elsewhere the surface of the soil throughout the district is generally free from this pest. Brine wells exist in Záhidpur and Silánáh, and salt is manufactured from them.

The hot months of the year begin from the end of April, though the nights often remain cool until June. During June and July the heat is intense, until the rain falls; at the same time it is certainly not so fierce a heat as in the centre and west of the Punjab. Hot winds blow steadily from the west all day, enabling cooling appliances to be worked indeed, but bringing up constant dust-storms (ándhi) from the Raiputana desert, often of such density as to produce almost utter darkness. The first rains fall between 25th June and 15th July, as a rule; but the heat remains moderated for only a few days after each downpour. The final rains take place from 20th September to 15th October; after this the nights become deliciously cool, but the days are still hot till the middle of November. Frost generally occurs about the close of the year, and sometimes again in February. During February and March, strong winds often blow, to the great discomfort of sojourners in tents, and in the latter end of March and in April thunder-storms are not musual. The average rainfall of the district for the last 19 years has been 19½ inches; 12.4 from June to August, 4.2 in September and October, 1 inch at Christmas, 1.9 inch at other odd times. In the adjoining districts, the average rainfall for the same period is as follows:-Karnál 30.2, Delhi 31 8, Gurgaon 30 3, Hissár 18 1; in the North-Western Provinces the rain belt, of from 25 to 30 inches, faces the Punjab districts which lie along the Jamná. The climate, though severe in point of heat, is healthy, and may be not inaptly described in the quaint language of the memoirs of George Thomas, as "in general salnbrious, though when the sandy and desert country lying to the westward becomes heated, it is inimical to an Enropeau constitution."

Table No. III shows in tenths of an inch the total rainfall regis-

Year.	Tenths of an inch.
1862-63 1863-64	225 348
1864-65 1865-66	182

tered at each of the rain-gauge stations in the district for each year, from 1866-67 to 1882-83. The fall at head-quarters for the four preceding years is shown in the margin. The distributions of the rainfall throughout the year is shown in Table Nos. IIIA and IIIB.

In sanitation the district is as backward as any in the Punjab, and this is the more dangerous because man and cattle alike drink from the open tanks (johars) and not from the wells, as in many parts. The death-rate is put at 21 per 1,000, but this is of course, as elsewhere, much below the real mark; the normal birth rate of six municipal towns is put at 38 per 1,000. The number of deaths from fever is over the average for the whole Punjab; the number of cholera deaths in the two years of the Hardwar fair, viz., 1867 and 1879. were 1,066 and 2,930. There is not the least doubt that the cholera in 1879 was brought from Hardwar. The first cases occurred seven days after the great day of the fair, and of 168 villages attacked. people from 135 had been to the fair. There were over 4,000 seizures in all; and the towns suffered less than villages as compared with 1867: nearly all the villages which suffered most were in the Rohtak tahsil,—Beri, Sánghi, Nidánah, Mehim and others. Small-pox was prevalent in 1869, 1877 and 1878: in the first year nearly $\frac{1}{7}$ of the deaths were due to this disease. average number of deaths for ten years up to 1878 was 11,044; but the deaths of the last year of that series, and of the year next following (1879), reach the startling figures of 20,178 and 35,782. During those two years a terrible sconrge of fever fell on the district, and the deaths of these two seasons equalled those of no less than 5½ average preceding years. Over 46,000 deaths of the above sad tale were due to fever, and in autumn the sickness was so severe that the crops could not be cut, and the usual harvesting wage to the reaper was one-half of the yield. This sickness cannot fail to have been a great blow to the people, one-tenth of the population having been taken away in two years. It has been often observed that severe fever follows cholera, and this was certainly the case in Rohtak in 1879, but it was not so in 1869: the people maintain that severe sickness always follows shortly after a year of drought, which they are disposed to believe generates noxions influences in the soil. In 1877 and 1878, when small-pox was raging, the people turned readily to vaccination, but it is not popular among the children and women. Mr. Fanshawe writes: "When a sudden stampede of the former, accompanied by violent yells and sudden falls, has taken place as I entered a village, I have been informed, by way of apology, that it was not I whom the children feared, but that they supposed that I was the tikawala Sahib." The average deaths of the first four months of the year are 2,792, or 698 per month; of the second four months, 3,410, or 852 a month; and for the last four months, 4,842, or 1,210 per month. Sickness increases suddenly with the fevers of September: October and November are the worst months of the year; in December there is a fall again to the level of September, and in January the nominal standard of the first third of the year is reached."

The subject of sanitation cannot be treated without reference once more to the state of the villages swamped by the canal and drainage channels. The former were inspected by Dr. Dempster in 1847 A. D., and again by Dr. Taylor in 1867; the reports of both have been printed, and the state of things disclosed in them is most melancholy. In 1847 the percentage of persons suffering

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Canal villages.

from enlarged spleen in the worst villages on the main canal was 44, and in 1867 in the same villages it was 25. The new alignment of the canal will do away with much of the worst suffering in Gohána, but the source of the evils of the Sámpla drainage lines is now being controlled and removed. Stone in the bladder is common, as well as guinea-worm, along the irrigated tracts. Intermittent fever and ague are common, with their sequelæ, enlargement of spleen, dropsy, and anæmia. Pneumonia is fatally prevalent throughout the antumn and winter, owing cheifly to the extreme range of temperature during the twenty-four hours.

Tables Nos. XI, XIA., XIB, and XLIV give annual and monthly statistics of births and deaths for the district and for its towns during the last five years; while the birth and death-rates since 1868, so far as available, will be found at page 43, for the general population, and in Chapter VI under the heads of the several large towns of the district. Table No. XII shows the number of insane, blind, deaf-nurtes, and lepers as ascertained at the Census of 1881; while Table No. XXXVIII shows the working of the dis-

pensaries since 1877.

SECTION B.—GEOLOGY, FAUNA AND FLORA.

Geology.

Our knowledge of Indian geology is as yet so general in its nature, and so little has been done in the Punjab in the way of detailed geological investigation, that it is impossible to discuss the local geology of separate districts, but a sketch of the geology of the province as a whole has been most kindly furnished by Mr. Medlicott, Superintendent of the Geological Survey of India, and is published in extenso in the provincial volume of the Gazetteer series, and also as a separate pamphlet.

Mines.

The last Administration Report shows the following mines in the Rolitak district: "Labadpúr and Silánalı, 1,315 beds for evaporating 125,000 maunds of khari salt, and 313 pans for making 31,300 maunds of crude saltpetre. Sales to the amount of Rs. 84,000 were effected during the year, the salts being exported, after being refined, to Farrukliábad and Calcutta for use in preserving skins. Singhpúrah, two mines yielding 600,000 maunds of soft kankar of superior quality used for making lime. Mindra, Shádipúr, and Búriáwás quarries of building stone."

Salt.

The following description of the Sultanpur salt sources, which lie partly in the Rohtak district, has been furnished by the Customs Department. The administrative arrangements are separately described in Chapter V:—

There are clusters of villages south-west of Delhi situated partly in the Gurgáon, and partly in the Rohtak district, where the manufacture of salt by the evaporation of briue raised from wells has been carried on from a period long antecedent to British supremacy. They are known as the Sultánpúr Mahal, are spread over an area of about 20 square miles, and comprise the

villages of Sultánpúr, Saidpúr, Muhammadpúr, Sadhrana, Kaliáwás, Ikhalpur, Mobárikpúr, Bassirpúr, Záhidpúr, and Siláuah. The salt is called Sultánpúrí, and is of good quality, containing about 90 to 95 per cent. of sodium chloride.

Chapter I, B.

Geology, Fauna
and Flora.

Salt.

The manufacture of salt is exclusively from natural brine derived from wells. The brine seems inexhaustible, as some of the works have been in operation apparently for the last 200 years, and no deterioration is observable. The brine is evaporated by solar heat in shallow chunam lined pans, which vary in extent from 200 feet by 60 feet, to only 60 feet by 40 feet, and in depth from 10 to 12 inches. To each well is attached one or more sets of pans, each set consisting on an average of about nine pans, so arranged that there is a slight fall from each pan into the one next beyond When, after the annual repairs, which take place about February, the pans are all in order, the highest is filled with brine from the well, and the brine is allowed to stand there for one, two or more days, according to the season and the weather, the period being shorter in the hot and longer in the cold weather. After thus standing, the brine is run into the second pan, the first being refilled, and then from the second to the third pan and so on, until the brine reaches the last pan but one, and there it is allowed to remain. receiving perhaps one or two accessions from its predecessor, until a commencement of crystallization is observed, when it is at once turned into the last pan and crystallization allowed to proceed. This is the most delicate part of the process; if the best salt is to be made and at the same time none wasted, the progress of the deposit (for the crystals form on the floor of the pans) must be closely watched. a certain period nothing but edible salt is deposited; after that other allied salts begin to drop, and the edible salt must then be at once removed, and the mother liquor, of which no further use is made, run off: otherwise, especially at some works, the gross products of · evaporation taken as a whole are bitter and uneatable. Not more than eight inches depth of brine at most is run into the first pan, and it is reduced to half that quantity, or even less, before it reaches the last but one pan. When the brine has sufficiently concentrated to be transferred to the crystallizing pan, the manufacturer skims the surface of it (taking care not to disturb the sediment) with some flat-curved instrument, usually a cow's rib-bone, with which he succeeds in removing all the lighter impurities, together with leaves. straw, and the like that may have settled on the brine. In the cold weather the salt rarely crystallizes under a month from the date the brine is drawn, but in the hot weather a period of ten or twelve days suffices.

The number of mannfacturers employed in 1882-83 was 298; the number of wells worked was 322; and the number of pans 4,487. The annual yield averages some $6\frac{1}{2}$ lakks of maunds (see figures in Chapter V, Section A). The produce belongs to the mannfacturer, who sells it at the current price of the period, unless, as generally happens, it has been hypothecated, in which case the creditor takes possession. After paying the Government dues the salt is exported to the south-eastern districts of the Punjab and into the North-Western Provinces and

Chapter I, B.

Geology, Fauna
and Flora.

Salt.

Oudh. The Rájpútána-Málwá Railway from Delhi passes closes to some of the salt works, and there is a branch line from the Gurhí Station with sidings to the works in Mubárikpur and elsewhere, but the line does not enter the confines of the Rolitak district. The price of the salt at the works ranges from 9 annas to $2\frac{1}{2}$ annas per maund, according to quality, the average being about $5\frac{3}{4}$ annas per maund. In the markets which it enters after paying the duty and hákimi cess, it sells according to distance and amount of freight at from Rs. 3-2-6 to Rs. 2-10-0 per maund. The preventive system in force is described in Chapter V, Section A.

Other minerals.

Saltpetre is extracted from the earth of old sites in all parts of the district. The mineral wealth of Rohtak consists almost solely of kankar, which is found in most parts at a moderate depth below the surface, and proves a fatal enemy to the growth of trees in most parts. Bands of kankar beds cropping out of the ground are noticeable in Mokrah, and the villages west of it in the Rohtak tahsil: the people call lands with kankar in them kakreli. Particularly pure kankar for making lime is found in Birohar and Singhpúrah. The little hills round Guriání are formed of a dark brown-blue limestone, which has supplied building material for all the houses and wells from Ratanthal to Kosli.

Fanna

The domestic animals of the district are much the same as those elsewhere in the south of the Punjab. Camels are fewer, horses are not common, and horse-breeding is rare. Among the wild beasts, wolves are not unoccasionally met with, and leopards are sometimes seen: foxes, jackals and wild cats abound in the jungles. Snakes are common. Of the deadly kinds the chief are the cobra and karait. the former of great size. Scorpious are rare. The return of rewards paid for the destruction of wild animals shows that during the past five years some 550 wolves and two leopards have been killed; the deaths of 72 persons have been caused by snake-bite during the last four years, and one child was killed by a wolf. The tank at Mahmudpur was formerly famous for the number of alligators which it contained, but since it was silted up by turning the canal into it, they have disappeared. Wild pigs are to be found in the jungle, under the caual banks, but they are not common. Of game, black buck in the north and west, chikará (ravine deer) throughout the centre and south, and nilgái (called by the people rojh), in the Chhuckhakwas and Matanhel reserves, are the largest,* Geese, ducks and teal of all kinds, and flocks of wading birds are found on the Jhajjar lakes, and on some of the swamps along the canal; a few duck may be seen on the tank of nearly every village in the winter; snipe are met with in a few spots in Goliána; black partridge and kulang in the canal villages; common partridge, saudgrouse and quail everywhere; harcs in all dry patches of jungle, and often in the fields. Bustard are occasionally seen. Peacocks run wild in many villages. but the people are averse to their being shot. The common field birds include no peculiar ones; green pigeons are plentiful round

^{*} Note.—In 1828 the author of "Pen and Pencil Sketches in India" met with herds of nilgai in the (then) dense jungle between Mehim and Madinah, and shot a hyæna near Rohtak itself.

Jhajjar. The banks of the canal and the canal villages, and even some rain-land villages, are overrun by monkeys, which are great pests. They rifle the sugarcane fields whenever they get a chance; they prevent any young trees from growing, and they often threaten women and children carrying food to the fields; the people, however, are unwilling, on religious grounds, to kill them, though they are very willing to see them killed, and will often ask an Englishman to shoot a few as a warning to the rest. The mosquitoes of the naturally flooded villages are famous, and their fame is recorded in the following lines:-

"Machehar ka ghar Dádri, Naurangour thánah;

"Sáth gaon jágir ke, Súudhá, Súndhi, Fattehpur, Yákubpur, Nimanah;

"Thori thori Bádli, aur sari Ukhalchár ah."

The mosquitoes of Gohána are said not to bite: this may be true as regards natives of the country; they certainly bite Europeans. In the summer evenings, before the whole shade of the trees on the canal banks is dancing with the light of the fireflies, the amount of animal life of all kinds which may be seen from the road is perfectly astonishing.

Except along the canals and chief water-courses, and immediates and vegetaately round the villages, trees are painfully wanting in the Rohtak scenery. In the fields they are met with only at intervals; though clumps of poor wood are scattered round the ontlying ponds and tanks, except in Jhajjar, where there are but few of these. Almost any trees of the plains will grow along the canal banks; the commonest are the shisham, kikar, tun, mulberry, siris and mange. Round the civil station and the tahsils shisham and siris are grown. On the village tanks pipal, kendé, and kíkar trees abound; in the village reserved jungles (dignified with the name of banis), jánd, jál and dhák, and beneath them low bushes. These reserved village jungles form the only considerable tracts which have not come under the plough in most estates, and their almost invariable presence round the village site is one of the distinctive peculiarities of the district, and forms a striking feature of the revenue survey maps. In the fields the commonest trees are kikar and ranni or nimbar, in about equal numbers, the former being more common in Jhajjar, where the farásh is the only tree which grows well in the sandy tracts. Groves are rare: a few are to be found in the canal villages, and those in Kailoí (Rohtak) and Síhótí deserve mention: the village reserved jungles of the canal villages often consist of fine kikars as well as of the trees above mentioned. Two of the Government reserves of the Jhajjar tahsíl contain some timber, but it is generally poor and stunted. The small rainfall, the sandy soil, and the presence of kankar, are all unfavourable to the growth of trees, and it has been calculated that every one planted by the district authorities, and which consented to grow to maturity, must have cost between forty and fifty rupces. In nearly all cases the foliage is sadly kept down by the loppings and shearings which the trees undergo to provide an apology for fodder in years of famine. Those, however, which are situated round the tanks and in the village jungles are never felled except for a common village purpose, or when there is no other possible way of paying the

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Trees and vegetation.

Government revenue. In the few rain-land gardens which exist. the jáman and bér trees are found in profusion; in the canal gardens pomegranates, limes, apricots, mulberries and mangoes are cultivated, and the sale of their produce yields a condsiderable income: a few date trees (khajúr—Phænix dactvlifera) are scattered in small numbers around some villages; their fruit is almost worthless. Except the Jhajjar reserves (birs) above-mentioned, there are no grass preserves in the district, and no large stretches of jungle; the only moderate sized tracts are at Matanhel, Chandi, and between Púthí and Bhainswál Khurd. Jungle bushes grow freely everywhere, the most common being the hins and bánsá and jhár pálá; and thorns spring up all around with an amazing facility; round a few villages a cactus hedge (nágphan-Opuntia dillenii) may be found. Grass is abundant in seasons of moderate rain on the uncultivated lands and among the crops; but in years of drought it withers from off the face of the country, except in the canal villages.

The following is a complete list of the more common trees of the district. They are almost all self-sown, though the pipal, farásh, siris, and shisham usually require to be planted out. Júnd (Prosopis spicigera), Siris (Albizzia lebbek), Kíkar (Icacia arabica), ním-bhur or ním-ber (Zizyphus), bukhain (Melia sempervirens), jand (Prosopis spicigera), jál (Salvadora oleoides), khair (Acacia catechu). beri (Zizyphus jnjuba), barnáh (Cretæva religiosa), tamarind (Tamarindus indica), rahírá (Tecoma undulata), hingó (Balantis ægyptiaca), sissu (Dalbergia sissoo), ním (Melia azadirachta), farásh (Tamarix orientalis), pípal (Ficus religiosa), kaim (Nauclea parviflora), mango (Mangifera indica), jáman (Sizygium

jambolanum), mulberry, tút (Morus), dhák (Butea frondosa).

Trees: their uses.

The kikar is the tree most commonly used for nearly all purposes of building, and for honsehold and agricultural instruments; the wheels of carts are generally made of this wood, and its boles furnish the solid blocks which are placed upright in the ground, and form the lower portion of the sugar-mills. The siris also, which is called sirdari-darakhtán, furnishes these stumps. Shisham wood is used for nearly all the same purposes as kikar, but less commonly; only the red kind is adapted for agricultural implements. The timber of the beri, pipal, jáman tút, jánt, siris and farásh, is used in buildings; the mango and jál (which is safe from the attacks of white auts) for doors; the bingó and red nímber for ploughs, rakes, &c., and especially for charas; and the rahirá for bed-posts. The júnt and farásh supply the wattlings for the unlined wells of the Jhajjar tahsil; the raunj and dhák are largely made use of for well timbers, as they are unaffected The fire-wood of the country is supplied by the beri, jál, dhák, rannj, farásh and kendú: the Golia Játs and Musalmans alone burn the pipal; the best charcoal is made from the kikar, and after that from the jant, rannj and dhak. This last tree furnishes the wood for the funeral pyres and marriage hearths-ominous conjunction! The jant tree has a seed called sangar (and when dry ihini), which the poorer people eat: the jal bears a sweet fruit (pil or pilu), which is especially abundant in famine years, ripening in May, and giving a welcome supply of food to the people. But the greatest stand-by of the lower classes in years of distress is

the kair bush (not khair). This useful plant bears first a flower called báruáh, which is eatable, and then a fruit which, when in its green state, is called tint and is made into a pickle, and when ripe and fit to eat, pinjú; in years of famine, it is said that the bush flowers twice. The plum of the jhár pálá has already been mentioned. The kesú fruit of the dhák tree is used for dyeing; a gnm also is exuded from this tree, and from the kikar, whose bark is used for tanning and in the manufacture of country spirits.

With moderate rain the cattle have no lack of grass pasture for most mouths of the year: from April to June grass is always scanty. The owner of a field is entitled to reserve it for the grazing of his own cattle for 12 to 15 days after the crop has been cut; then all the cattle of the village browse over the fields without distinction. The best and commonest grass is the $d\hat{u}b$, which, with a fair rainfall, lasts all the year round. It is by far the most highly prized by the people, who say, "though all other grass be burned up, the dúb will remain fresh." It grows along the ground with long sprays, and has deep roots, which the people dig up as fodder in famine seasons. Most of the other grasses spring np with the early rains, and last only a few weeks or months: the best kinds are called locally chaprur, sánwak, makrá, ánjan, paluá and gándhí. The dáb grass which grows most commonly in the low-lying naturally-flooded lands, is of a coarse and hurtful kind-"though an animal die, yet should he eat dáb?" The káns grass is said to be good for horses—"Káns grass for the horse, a staff for a man"-and is much relished by camels and goats. Paluá and gándhí form the special food of buffaloes, and ghatíl of donkevs; most animals eat the other kinds, but many are not nonrishing, and only allay hunger. Sánwak, makrá, chaprúr, and palenji bear small seeds, which are gathered and eaten by the people in famine seasons. At such times, too, the cattle have to put up with folder mixed with sprays of trees, bushes and thorns, especially from the rauni, jánt, kíkar, shisham, siris and jhúr-pálá; these form a most important stand-by in such seasons, and in allusion to their admixture with straw, it is said—"the cattle of the highlands eat the fruit of the jál and jánt." The jhár-pálá bush, also called jhárberi (Zizyphus nummularia) has been fully described by Mr. (Lord) Lawrence in his report on the Rewari pargana; when green and growing in the middle of the crops, it is called goblá; when the crop has been removed, the thorny sprays are cut off close to the ground and given to the camels to eat, or mixed with todder for other cattle: the leaves of the bushes in the jungle, or whose branches dry up in the fields, are beaten off them and collected in bundles; the thorns are used to protect the roads and enclosures for fuel and fodder. The plant also bears a fruit called the jungli bér, which is largely eaten in famine years. Besides the pálá bush camels feed on the jhójhrú, which grows commonly on bhúr soil. and on sprays and leaves of kikar, raunj, pipal, junt, and badber trees. Goats are fond of the leaves of the babul and of the badber and dkh trees, but they will not touch dak: "The camel does not touch the ákh, nor the goat the dák."

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Geology, Fauna
and Flora.

Trees: their uses.

Grasses.

CHAPTER II.

HISTORY.

Chapter II.

History.

Antiquities.

There are no antiquities of the very least note in the Rohtak The real history of the old sites is lost. Excavations at the Rohtak Khókrá Kót would seem to show that three cities have been successively destroyed there; the coins found in Mohan Bárí are the well known ones of Rájá Samant Devá, who is supposed to have reigned over Kabul and the Punjab about 920 A.D. They are found throughout the Cis-Satlaj tracts, and bear on the one side a humped bull lying down, with the superscription "Sri Samanta Devá," and on the other a mounted horseman with a lance. Twentysix giants' graves (naugazás) are found in the district, 17 at Baniání in Rohtak; but the only well-known one is that in the masonry khángáh at Kanwáh in Jhajjar. There are some old tombs at Jhajjar, Mehim and Gohána, but none of any special architectural merit; the fluest are at the first place. There is one old baoli at Rohtak and another at Mehim; of the latter a full description is given by the author of "Pen and Pencil Sketches;" it must have been in much better repair in 1828 A.D. than it is now. The "Gáokaran" tank at Rohtak and the Búáwálá tank at Jhajjar are fine works, and the masoury tank built by the last Nawab at Chuchakwas is, an exceedingly handsome one. The Bohar asthal is the only group of buildings of any architectural pretension in the district; the Jhajjar palaces are merely large houses on the old Indiau plan.

Nature of annals in Rohtak.

History in the East is nearly everywhere two-fold. There are the rural annals which tell of the people themselves, their settlings and changes, often almost legendary and to be guthered only in fragments, but still representing the facts of the past to the people, and to those who have leisure to weigh and criticise the traditions; and there is the narration, which is more usually dignified as history, viz., the record of the lives of conquerors and rulers, their exploits and administrations, and the immediate connection of these events with the local area under consideration. The Rolltak district is rich in memories of the former type; but in recollections of the latter very poor. The village communities, which are of as perfect a type as any in India, have existed for two score ages, each with its own little series of events, which the annalist generally considers beneath his notice, for (to quote the words of Mr. Wheeler) "history deals more with the transitory than the present, with the episodes in the life of humanity, the revolutions which overthrow kingdoms, and create or overturn empires, rather than with the monotonous existence of little states which run in the same groove for centuries." History in this more exalted sense has left scanty record of Rohtak, till the middle of the last century is reached. A few towns destroyed by the kingly invaders from Ghazní and Gór; a few villages built by royal mandate on royal high-roads; an old royal canal and old royal revenue subdivisions, still observed by some classes of the people; many Rájpúts and a few Játs made Muliammadans by a royal persecutor;

a town sacked by Rajputs in their wars with the Delhi ruler: some grants of land by Royal Charter, and a few buildings constructed by servants of the Court; -these are the only visible signs now left of the course of events before the time of the Mahratta and Sikh. We know that the losts of many a conqueror must have carried fire and sword through the land before the southern plunderers and northern fanatics contended for the possession of it; that many a royal state progress must have taken place through the district to the hunting grounds round Hansi and Hissar; that ever since Delhi became the capital of India, a tract lying so close to it must have been profoundly affected by the events of the dynastie annals; but not a trace of all this remains. Only the villages themselves, unbroken and unchanged, exist as they existed 800 years ago. To no tract in North India do the words of Sir C. Metcalfe, quoted below, more aptly apply than to the Rohtak district:-" Village communities seem to last where nothing else Dynasty after dynasty changes; revolution succeeds revolution; Hindú, Pathán, Múghal, Mahrattá, Sikh, English, are all masters in turn, but the village community remains the same."

Mughal divisions.

Chapter II.

History.

Nature of annals

in Rohtak.

Tappás.

The origin of the tribes and their settlement, and the foundation of estates and the constitution of communities are fully described in the next chapter. We pass to the facts of history in its more dignified sense. These, as has been said, are few till we reach the middle of the last century. Under the Emperor Akbar, when his great minister, Tódar Mal, divided all North India into administrative circles, the present district of Rohtak fell within the Súbáh of Delhi and the Sirkárs of Delhi and Hisár Fírozá. The former included among others the dustúrs of Rohtak and Jhajjar, with the purganas of Rohtak, Dúbaldhan, Kharkháudáh, Madauthi and Jhajjar, and the latter the dustúrs and parganas of Gohána and Mehim or Miyún, as the old name was called. Within the parganas again were tappús, distributed as follows in the present tahsúls:—

Rohtak. Gohána. Sámpla. Jhajjar. Sinkh—part. Chándi. Gúnáh Farmánáh— Haweli Jhajjar. Butánáh. part. Kailoi, Bádlí. Kailoi-part. Mundlánáh. Bohar-part. Khúdan. Khánpur Kalán. Nidánáh. Bohar Subánah. Jaulí, Bháini Chandarpál. Barónáh. Kosli, Sawwar-part. Chándi—part. Dighal. Sálháwás Kailoi-part. Mokhrah. Máundathí, Akhéri Madanpur. Bhalbah. Kánaudáh. Birohar. Berí. Hawelí Pálam-part. Mátanhél. Dighal-part.

The villages included in the tappás lie within a ring fence, except in the case of Mokhrah and Bhalbah, to which, for some reason now unknown several outlying estates were joined. In some cases, such as the Dahiya, Dalál, Ahláwat and Kádián Játs, the boundaries of the tappá followed closely the distribution of tribes, but in others, such as the Jákhar and Malik, they did not. The Bráhmins, barbers, and Chamárs still observe these divisions to some extent; and at some ceremonies, such as marriages or funeral feasts, the tappá people are still collected together.

Chapter II.

History.

Events since 1712 A D.

Lying close to the royal city, the tract now comprised by the Rohtak district was often granted in service tennre to the nobles of the Court; and Rájpút, Brahmin, Afghán aud Biluch have at different times enjoyed its revenue. From the time of the internecine quarrels, which began in 1712, on the death of Bahadnr Shah, the successor of Aurangzebe, the Mughal empire fell rapidly to ruin; and before a century had passed, an unknown western nation had taken the place of the old emperors. The governors of provinces set themselves up as rulers, and waged their own wars; the Jats rose to power in Bháratpúr under Chúraman and Súraj Mal; the Mahrattás began to creep up from the south; the terrible invasions of Nádir Sháh, and, twenty years later, of Ahmad Sháh took place from the north; and following in their steps, in the confusion that succeeded, the Sikhs pushed down to the Delhi territory. When faction quarrels ensued, the Mahrattas were called in by the Delhi Court. and twenty years after their advent the English came on the scene During all this time of turmoil and bloodshed, the Rohtak district must have been profoundly affected. It formed the eastern portion of Harrianáli, a tract which gained its unenviable reputation for murder and robbery at this time, and which is popularly defined as being bounded on the east by the Khadir of the Jamua, on the west by the Bagar country, on the south by the low-lying Dabar tract of the Najafgarh jhil and its feeders, and on the north by the Nardak in Karnál and Kaithal. Encouraged by the weakness of their rulers, the people began to refuse to pay revenue, and developed a warlike and independent spirit, which set those who sought to coerce them at defiance.

About the year 1718, Harriánáh was granted in jágír under the Emperor Farokshér to his Minister Rukkau-ud-daulá, who in his turn made over the greater part of it to the management of a Biluch noble, Faujdár Khán, who subsequently, in 1732, was created Nawáb of Farakhnagar (in Gurgáon) with a territory which embraced the whole of the present districts of Hissár and Rohtak, and parts of Gurgáou, together with a considerable territory now in the hands of the Sikh chiefs of Jínd and Patiála. Faujdár Khán died in 1747, and was succeeded by his son Nawáb Kamgár Khán, who with varying changes of fortune retained possessiou, until his death in 1760. In 1754 Bahádur Khán Biluch received a grant of Bahádurgarh and the adjoining estates; and he and the Bíluches of Farakhnagar exercised a nominal control over the rest of the country also. Bahádur Khán was succeeded in 1761 by his brother Táj Muhammad Khán, who ruled for 14 years.

This was the time of the complete collapse of the Delhi empire. Alamgír was murdered in 1760, and was succeeded eventually by his son Ali Gohur under the title of Sháh Alam, whose rule, however, extended only to the immediate neighbourhood of Delhi. In 1761 the Mahrattás met with their crushing defeat at the hands of Ahmad Sháh (Abdáli). The Sikh inroads henceforward gathered force, and the Sikhs gradually gained a footing more and more secure in the northern portion of the present district, the nominees of the titular Emperor vainly struggling to keep the country quiet. Kam-

gár Khán was succeeded as Nawáb of Farakhnagar by his son Músa Khán, but his rule was purely nominal from the first, and in 1762 he was ousted from his capital by Jawahar Singh, son of the Events since 1712 A.D. celebrated Suraj Mal, Ját ruler of Bharatpur. The Játs held Jhajjar, Bádli and Farakhnagar until 1771, when Músa Khán, escaping from Bharatpur, where he had been kept in confinement, made a successful attempt to recover his estates, expelling the Jats from Farakhnagar. He never, however, regained a footing in the present Rohtak district.

In 1772, the Mahrattás retired southwards, and Najaf Khán came into power at Delhi. During his lifetime some order was Bahádnrgarh was at this time in the hands of Nawáh Táj Muhammad Khán and his son Amír Alí Khan, to whom Najaf Khán gave in addition the pargana of Mándauthí. Jhajjar was in the hands of the husband of the famous Begam Samrá, who also held large estates in Gurgáon. Gohána. Mahím, Kharkhaudah, and Rolltak were also held by nominees of Najaf Khán. The death of this Minister in 1782 was the signal for renewed inroads by the Sikhs, who met with no serious opposition until the return of the Mahrattás in 1785. Even they, however, could fnot, succeed in subduing them.

Táj Muhammad Khán was followed by Nawáb Amir Alí Khán, the last of the line. Refusing to accede to demands made on him by the Mahrattás, he was deposed by them in 1793, but was allowed to retain the village of Gheorá in Delhi, which is still held by his descendants revenue free. In 1765 Gajpat Singh, the first Rájá of the house of Jind and grandson of Chandhri Phul, settled at Jiud and Safidon, hardly 20 miles distant from the north-western corner of the Gohána talisíl. From these places he constantly invaded the Hissar and Rohtak territory, and for some twenty years before 1803 he and his son, Rájá Bhág Singh, the uncle of Mahárájá Ranjít Singh, held the north of the district on a sort of passive tenure from the Mahrattas. The west was held at various times by all three competitors, but latterly by the Mahrattás, together with the south. Rolitak is thus interesting as forming on the right bank of the Jamná the border land of the Sikh and Mahrattá powers. tenure of the latter was no easy or profitable one. The strong Jat villages perpetually defied them; Dighal and Sánghi beat off regular attacks made on them, and Ismailah and others had to be levelled with the ground. Even after this George Thomas could collect his revenue only by means of a moveable column constantly marching about the country. Before his time the Begam Samrú, jágírdar of Sirdhaná, and known in Rohtak by her honorary title of Zebnnnissá, held Jhajjar for some years, and she was succeeded there by him in 1794.

George Thomas had been in the Begam's service for some time, but left it in disgust in 1792, and joined Appa Kandi Ráo. Governor of Meerut. From this Chief he received in service jágír the parganas of Berí and Jhajjar, with the appointment of Warden of the Sikh marches. For this purpose he was obliged to keep up a strong army, and he took advantage of this to gradually make Chapter II. History.

George Thomas.

Chapter II. History George Themas,

himself master of the situation. The Begam on one occasion sought to recover her old possessions, but her troops mutinied, and Thomas returned good for evil by assisting to reinstate her in her fief east of the Jamná. To ovcrawe the towns of Jhajjar and Berí (the latter of which he stormed on one occasion), he build the fort of Jeházgarlı (Georgegarh) at Husaingani, on the border of the Jhajjar tahsil, and established a second camp at Hánsi as a bulwark against the Sikhs. The remains of his magazine and residence at the former place still exist, and bear evidence in their solid construction that they were not constructed in the latter half of the nineteenth century. On the death of Appa Kandi Ráo, an attempt was made to dispossess Thomas of his army and command; but after he had defeated his rivals, and even carried war into their country across the Janua in 1798, he was left in peace for a time, and proceeded to consolidate his territory. great ambition, or too great a love for war, however, proved his ruin. Not content with what he had, he attacked the Sikhs in the north. and the States of Bikamr, Jeypur and Udeypur in the south; and though his expeditions were not always uniformly successful, he became the most powerful and feared man on the right bank of the Jamná. The Mahárájá Scindiá and his general, M. Perron, Governor of the Doab, at last became jealous of his progress, and the latter was ordered to attack him (1801). An attempt was made to arrange an amicable compromise at Bahadurgarh, but this failed; and Lewis Bourquien (commonly called Lewis Sáhib) and a Captain Smith proceeded against Jeházgarh, the latter to besiege the place, and the former to cover his operations. Thomas, however, showed his usual activity and skill in meeting his foes. He fell on Captain Smith suddenly, compelled him to raise the siege, and inflicted a severe defeat on Bourquien at Beri, where the Mahrattas lost 3,000 men. But this success only served the more thoroughly to alarm all the neighbouring rulers. Reinforcements were poured in from the Doáb; the Sikhs gathered from the north, and the Játs and Rajpúts moved from the south, to make common cause against their too formidable adversary; and a force of 30.000 men, with 110 pieces of artillery, commenced the siege of Jehazgarh. Thomas' camp was skilfully placed behind the sand-ridge lying south of the fort, and the gans of the enemy were able to do him little harm. The position which Lewis Bourquien occupied to the north, and the spot where M. Perron had his camp on the sand-hills above Palrá, are His defeat and re-still shown by the people. Thomas could not have hoped to have held ont long against such a force in any case; but treachery was at work within his camp, and he was descried by several of his chief officers, and compelled to fly away by night to Hansi. His enemies speedily followed him there; much the same scene of baseness was re-enacted; and in February 1802, Thomas abandoned claims to power, and agreed to pass over into British territory, where he died shortly afterwards on his way to Calcutta.* He is still spoken of admiringly by the people, whose affections he gained by his gallantry

tirement

^{*}This is one account of George Thomas' fall. Another is given in Colonel Skinner's Life.

and kindness; and he seems never to have tarnished the name of his country by the gross actions that most military adventurers in India have been guilty of.

Within two years of this event, the power of the Mahrattás in North India was completely broken, and the Rohtak district, with the other possessions of Scindia west of the Jamná, passed to the Honourable East India Company by the treaty of Sirji Anjengaon, which was signed on 30th December 1803. It was no policy of Lord Lake's at that time to hold large territories beyond the Jamuá. and he accordingly sought, by settling in them a number of chiefs and leaders who had done us good military service, to form a series of independent outposts between the British border and the Sikhs. The Jhajjar territory was therefore given to Nawab Nijabat Alí Khán, and the old Biluch possessions at Bahádnrgarh to his brother Nawáb Ismáil Khán. Rájá Bhág Singh of Jínd had kept aloof from the combination against the English, at the advice of Bhái Lál Singh of Kaithal, the ablest and most intriguing man of his day among the Sikhs. Soon after the fall of Delhi, he tendered his allegiance to Lord Lake, and having rendered service in the ensning campaign against Jaswant Ráo Holkar, he and the Bhái rcceived the Gohána and Kharkhaudah-Mándauthí (Sámpla) tahsíls in life jágír. For brilliant exploits in the same campaign, on the retreat of Colonel Manson, further grants of territory were made to the Jhajjar family. The Nawab of Bahadurgarh received the Dadri country (including the tract called Bhaunaharjal), and the part of Budhwana lying below it, the rest of which went to Faiz Muhammad Khán, son of Nawáb Nijábat Alí Khán. Faiz Muhammad Khán received also, as a separate jágír, the villages of Lohárí, Pátandah and Kheri, in the south-east corner of the present Jhajjar tahsil, and a life grant of the estate of Hassangarh,Kírali, Pyládpúr and Khnrrampúr in Sampla, formerly held by Taj Muhammad Khan while his brother was Nawab of Bahadurgarh. The Patandi state was given to Faiz Talab Khán, brother-in-law of Nijábat Alí Khán, and the Jhajjar territory was extended to include Nárnol, Kánanndah, Báwal and Kanti, as well as the area of the present tahsil. The Rohtak-Beri and Mehim tahsils, forming the west of the present district, were given to Abd-ns-Samud Khán, the first Nawáb of the house of Dujána, together with all the country forming the territories of George Thomas in Hissar. This gift, however, was beyond the power of the Nawab to manage; the people, encouraged by long immunity, set him at defiance; a son-in-law of his was killed in an attack on Bohar, and his eldest son at Bhiwani; and finally, in 1809, he resigned the grant back to the donors, who had made it one condition of the gift that it should be managed without aid from the British Government. The tract held by the Dujána family was once larger than the whole Jhajjar territory; now they have only the two estates of Dujána and Mehrána in the Rohtak district, a few detached villages in Rewari, and the small tract of Nahar, and part of Bháu lying below the Jhajjar tahsíl,—29 villages in all, with a revenue of about Rs. 80,000.

From the time of the abandonment of this gift by the Dnjána

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English rule. Rohtak in 1803 -1809.

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Formation of the district, 1810-56. Chief, the formation of the Rohtak district dates. At first it was part of the "Shimáli zillah," which stretched from Pánipat to Sirsá, and it remained so until the lapse of the Gohana and Kharkhandah-Mandanthi estates, on the death of Lal Singh and Bhag Singh in 1818 and 1820 A.D. When the Hissar district was created in the latter year, the Berí and Mehím-Bhiwání tahsíls were included in it. and the other portions of the present northern tahsils in Panipat; but in 1824 a separate Rohtak district was made, consisting of the Gohana, Kharkhaudah-Mándauthí, Rohtak-Berí, and Mehim-Bhiwání tahsils. The Bahadurgarh territory formed the western boundary of this, and on the south lay the Jhajjar country. There was a good deal of changing of estates from one tahsil to another, which is unimportant. The old district was of the shape of a triangle, Gohána forming the apex, and the base extending from Bhiwani to Mandanthi. Until 1832 A.D., the whole Delhi territory, including Rohtak, was under the Resident at Delhi, but in that year it was brought under the same regulations as the rest of North India, and the Resident became Commissioner. There were four Summary Settlements (in parts, five) from 1815 to 1838 A.D., followed by the Regular Settlement in 1838-40; the district was abolished in 1841 A.D., Gohana going to Panipat, and the rest of the tahsils to Delhi, but in the following year it was created anew. There is little to note in the way of history regarding the events of these 30 years. people gradually settled down to orderliness and peace, although the material progress of the country was sadly checked by a series of famines and a revenue demand which was much too severe. there is nothing historical to note in the even tenor of events of the next 20 summers, till the unhappy year of 1857-58 is reached, and the Rohtak district was transferred from the N.-W. Provinces to the Panjáb. During this period some 35 Collectors held charge of the district, of whom the best known and remembered are Messrs. W. and A. Fraser; Sir T. Metcalfe; Messrs. J. P., C., and M. R. Gubbins; Mr. J. Grant; Mr. Mill; Mr. Cocks; Mr. Ross; and Mr. Guthrie. The Sámpla tahsíl, it may be noted, was located in its present position in 1852, the old name of the Kharkhaudhi-Mandanthí tahsíl being then done away with.

History of ruling

The Dujána house.

It will here be convenient to sketch briefly the history of the houses, 1805-1857. houses of the three Chiefs once connected with the Rohtak district, before entering on the narration of the events of the Mutiny, which caused two of them to disappear from the roll of native rulers in India. The Dujána family is happy in having no annals, except the mere record of the succession of son to father. Nawab Abd-us-Samud Khán died in 1825. It was by him that the fortunes of the house were made. He was originally a risaldar in the service of the Peshwá Báji Ráo, and in the campaign against Scindia he served with the Mahrattá troops on the side of the English, where, meeting with favour from British officers, he transferred his allegiance, and joined Lord Lake. Under that General he did good service at Bharatpur, and in pursuit of Jaswant Ráo Holkar, and in consequence he received the grants which have been detailed above. He was succeeded to the exclusion of his eldest

son's heir by his younger son Dúndi Khán, who lived till 1850, and was followed by his son Hassan Ali Khán, who was Nawáb when the revolt of 1857 took place. He appears to have kept himself free from the intrigues of the time, and at any rate he came out of the storm unscathed, whether thanks to his insignificance or his loyalty. His chief care seems to have been to conceal in his palace such sums of ready money as were by him. The Dujána family belongs to the Yusafzai tribe, and is closely connected with the Jhajjar Patháns. The Nawáb himself is a landowner, and also an occupancy tenant in some of the Pathán estates on the north border of the Jhajjar tahsil. The Jhajjar Nawab's family claim to be The Jhajjar house. Bharaich Patháns, a tribe whose original location was in the neighbourhood of Pishin and Kandahar, but who gradually made or found a way out into the Yusafzai country. Mustafá Khán, the grandfather of the first Nawab of the house, came to India in Muhammad Sháh's reign, and took service with Alivardi Khán, Governor of Bengal. By various exploits there he gained the title of Nawab. but on being refused the Governorship of Behar, he left his old chief, and, returning to North India, was presently killed fighting at Azimabad. His son, Murtazá Khán, succeeded to the command of the troop, and entered the employ of Safdar Jang, Subadár of Oude, and his son Shujaat-nd-Daula; he afterwards left Asuf-ud-Daulá for the service of Nujaf Khán, the Commander-in-Chief of the Royal Army, and was slain fighting against Jevpur. Nijabat Alí Khan was the next leader of these free lances, in the place of his father, and performed various brilliant services, in return for which the title of Nawab was confirmed to him by the Emperor Sháh Alam. He is described as having been a fine soldier, and a cool-headed, far-seeing man. When war between the British and Mahrattás had become inevitable, he chose the former side, and the rewards he received have been already told. The old Chief continued to live in Delhi, where he had resided for some 30 years, and left the management of his new estate to his son Faiz Muham-He died in 1824 and was buried at Mahraulí in the shade of the tomb of the holy saint Kutub-ud-din Sahib Oulia, where the graves of all the family are. His son was an enlightened and kindly ruler, who is still remembered gratefully by the people. It was he who constructed most of the old buildings at Jhajiar (including the palace which now forms the tahsil), who introduced and encouraged the manufacture of salt, who re-settled many of the deserted villages in his territories, and who constructed the Bádli band. Poets and learned men gathered at his Court, and during his rule of 22 years he showed himself an able Chief, worthy of his ancestors. He died in 1835.

With this Chief the palmier days of the Jhajjar rule passed away. His son and successor, Nawab Faiz Ali Khan, was a somewhat narrow-minded ruler, and a harsh revenue collector, who is not well spoken of by the people. His rule was the shortest of all, extending to ten years only; and in 1845 the last Nawab, Abd-ur-Rahmán Khán, succeeded. There was some trouble with his kinsmen, who disputed his legitimacy at the time of his accession, and when this was over, the Nawab gave himself up for a time to gross

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Nawáb Nijábat Alí Khán,

Nawab Faiz Muhammad Khán.

Náwab Faiz Alí Khán.

Nawáb Abd-ur-Rahmán Khán.

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Náwab Abd-ur-Rahmán Khán.

Bahádurgarh. Nawáb Muhammad Ismáil Khán.

Nawáb Bahádur Jang Khán. debauchery, from the effects of which he never recovered. was naturally possessed of both taste and ability, and it was he who built the palace in the Jehánára garden, and the residence and tank at Chhnchhakwás. But in revenue collections his little finger was thicker than his father's loins, and many villagers fled from under his oppressions. In 1855 A.D., he set about making a regular settlement of his territory, but it had extended to the two talisis of Jhajjar and Badli only, when the mutiny broke out, and it passed away with its author in that year. During all this time there had been only two Chiefs of the Bahadurgarh house, who were usually called, from their western possessions, the Nawábs of Dádri. Muhammad Ismail Khán enjoyed his grant for five years only, and died in 1808 A.D., leaving a son, Nawab Bahadur Jang Khan, only 21 years old. During his minority the state was managed for him by the Jhajjar Chief, and when he came of age, the latter refused to restore the Dádri country, on the plea that money was due to him on account of expenses incurred in his management over and above the income of the estate, and that he had not received his fair share of the Budhwana villages, when that tract was divided after 1806. The question was finally settled by 16 estates being made over to the Jhajjar Nawab on the intervention of the Delhi Resident. Bahadur Jang at once proceeded to lead a most dissolute life, and was soon hopelessly involved in debt; at one time his estate was very nearly being assigned to his creditors, but finally the Dádri country was mortgaged to Jhajjar until 1848. Bahadur Jang had by this time become utterly feeble in mind and in body, and it was more than once proposed to relieve him of the management of his estate. Such were the annals of these families down to the year 1857 A.D.

The Mutiny.

The mutiny of the troops at Meerut on the 10th of May, and the seizure of Delhi by them on the 11th, took the Rohtak district, like the rest of North India, by complete surprise. Large numbers of Jats and Rajputs belonging to the district were serving in the army, but it does not appear that there was any feeling of excitement among the people noticeable before that month, or that chupattis were circulated among the villages, though possibly they were. The Collector, Mr. John Adam Loch, of the Bengal Civil Service, who had been in charge of the district for some ten months, at once took steps to preserve order by calling into head-quarters all the soldiers who were on leave in the district, and by sending to the Nawab of Jhajjar to despatch some troops to Rohtak. Of his first order to the Nawáb no notice was taken; but on a second demand, sent on the 18th May, for cavalry and two guns, a few horsemen were despatched. These, however, proved very nuruly and worse than useless, for they inflamed the villagers as they came along. Then as day succeeded day, and it appeared that nothing was being done to re-assert British authority, the troublesome portions of the populace began to raise their heads, and the whole of the once warlike people became profoundly stirred. On the 23rd of May an emissary of the Delhi King, by name Tafazzal Hasein, entered the district by Bahadurgarh with a small force. The tahsildar of Rohtak, Bakhtawar

Singh, who had been sent there to meet him, was unequal to the task ci encountering the rebels, and fled to Rohtak. Mr. Loch at first wished to stay at his post and fight the enemy, who were not strong in numbers; but presently, despairing of success, he left Rohtak by night, accompanied only by the thánadár, Bhúre Khán, and made his way by early ou the morning of the 24th to Gohána. Deserted by their magistrate, the soldiers collected at head-quarters naturally dispersed to their homes, or, perhaps, joined the rebels, who arrived at Rohtak on the 24th, and proceeded to set free the prisoners in the Jail, and burn the Court buildings and record office. The Deputy Head-quarters at-Collector, Misar Mannú Lál, and the Sadr Amín, Mnhammad Abdulla Khán, remained at their posts; but they were unable to do anything to control the course of events, and the former was shortly afterwards compelled to fly. An attempt was made by the Delhi force to plunder the Hindus of the town, but this was frustrated; and after two days' stay they returned to the capital, carrying off nearly two lakhs of treasure, and burning the Sampla tahsil on their road; the money there had a few days before their advent been brought into Rolitak. Meanwhile Mr. Loch had passed on to Karnál without stopping at Gohann, and the tahrildar of the latter place deserted his charge and fled. But Chandri Rustum Ali Khan of Gohána took charge of the tahsíl buildings, and preserved them with the records and money, and kept together some prisoners who were engaged on the new works there, until order was again restored in the antumn. The district being abandoned by all its officers, the old fends and quarrels of the people, which till now had been long buried. at once broke out anew, and all outward signs of order and rule disappeared for a time. The customs' bungalows at Mehim, Madinah and Mandauthi were all burnt, and the officers with their wives and children became wanderers on the face of the country. But nowhere in the Rohtak district were hands stained with English blood. The Ránghars clamoured for it at Mehim and elsewhere, but the Jats and Baniyas defeated their purpose; and it is noticeable that in all cases nearly the fugitives were conducted to a place of safety with unexpected kindness and consideration-that too, no doubt, often by the very men who engaged freely in the faction fights of the time. The Muhammadans, in the zeal of their new-born piety, desired to slay all the Hindus, and the latter had a large number of old clan disputes to settle among themselves, and lost no time in setting about their decision. The confusion was added to by the rebel troops of the Harriana Light Infantry and 4th Irregular Cavalry, who had mutinied at Hissar and Hansi, and murdered their officers, the Collector, and other Europeans, passing through on their way to Delhi. The tahsildar of Mehim, Lachman Singh, made over to the neighbouring villagers such treasure as was in the tahsil, and disappeared, and the buildings and records were destroyed. The arrival of the 60th Regiment of Native The 60th Regiment Infantry under Colonel Seaton, who was accompanied by Mr. Loch, checked active disorder for a time, but only for a brief one. This regiment, which had been quartered at Banda and Umballa since 1851, had been marched from the latter place on 22nd May, in spite of grave misconduct there. On reaching Karnál, it was diverted

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tacked.

N. I. at Rohtak.

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The 60th Regiment N. I. at Rohtak,

to Rohtak, ostensibly to intercept the rebels from Hissar and Hansi, but really because it was now known to be mutinous to the core, and it was unsafe to take it to Delhi. The proper course would have been to disarm it; but instead of this, it was determined to send it to Rolitak merely-a proceeding which Captain Hudson stigmatised as discreditable to the anthorities and unfair to the officers. On the march down the men were guilty of repeated instances of insubordinate conduct, and when Rohtak was reached on 31st May, it was discovered that the mutineers had passed through the day before, and that "the public buildings, the Judge's "Court and offices, and the Collector's Treasury had been burnt down "and were still burning. The rebels had torn up all the public records, "papers, and documents, vast rolls and piles of them, and after "breaking up the chests and racks in which they had been kept, and "piling all up in the centre of each building, they had made linge "bonfires of the whole, and then gone off to Delhi."* The regiment was encamped in the compound of the District Courts, and continued to show evident signs of an intention to mutiny. On the 4th of June they were prevented from carrying their design into exeention only by the Colonel boldly taxing them with it, which so confounded them that they were unable to act then as they had proposed. But the end was inevitable, and could not be long deferred; it is said that the want of money to pay the troops was partly the cause of the outbreak taking place when it did. On the afternoon of the 10th the Grenadier Company, which had all along been the leader in insubordination, broke out into open mutiny and seized their arms. Not a single native officer remained true to his colours, not a soldier came forward to assist to quell the émeute. and there was nothing left for the Europeans but to ride off. They were fired upon by the men, but fortunately they all escaped unwounded, except the Sergeant Major. The mutineers did not follow them, and they collected together half a mile from the camp, and after waiting some time for a few brother officers (who had gone off to shoot early in the afternoon, and who, unknown to them, had received news of the outbreak and made their way to Delhi in advance), they turned their backs on Rohtak, and reached the ridge at 9 o'clock on the morning of the 11th June. Mr. Loch fled on foot to Sámpla, and thence on horseback to Bahadurgarh, from which place he was escorted to Delhi by (risaldar) Sandal Khan of Kálanaur and his father. But from the exposure of the day he never recovered; and there is a pathetic letter of his, stating that he was now quite blind, and ascribing the origin of his affliction to his flight from Rohtak under exposure to the midsummer sun.

Its mutiny.

Lawlessness of the district.

All vestiges of the British Government now disappeared again like snow in thaw. The mutineers killed Bhúre Khán, the thánadár, and after trying unsuccessfully to plunder the town, went off to Delhi, where they distinguished themselves in the attack of June 14th on the ridge, and received fitting punishment at the hands of their old officers. The Ránghars and butchers set up the Muhammadan

^{*} General Sir T. Seaton's "From Cadet to Colonel," Vol. II., Chap. 4

green flag, and round it all the bad characters of the country collected, and lawlessness ruled supreme in the district till the middle of September. Mr. Greathed, by a proclamation of 26th July, put the country under the control of the Jind Chief, but the Raja Lawlessness of the was unable to do much at that time to restore order. Rustam Alí aloue maintained himself at the Gohána tahsíl: nowhere else was there any sign left of the authority of the late rulers of the country. The King of Delhi, three days before Mr. Greathed's order, had issued a proclamation to the people of Rohtak town, forbidding acts of violence, and enjoining obedience to the principal and loyal landholders, and promising a sufficient military force and civil establishment—a promise never fulfilled. But the people minded no threatenings of persons unable to enforce them with power, and gave themselves up to the enjoyments of fierce fends. The Dahiya Quarrels of clans. and Dalál Játs in Sámpla engaged in perpetual quarrels, which centred round Hassangarh; the Aldáwat Játs attacked Sámpla, but were beaten off, with the help of Ismailah. In Gohana, Ahulana attacked Sámri and Barodah; Madinah attacked Kathúra; Bútánah destroyed Núran Khérá; and all the headmen of Sámri were hanged for attacking a military convoy. In Rohtak the villagers of Kharkhara were long in possession of a gnn which they seized from the Hissar rebels, and which some other rebels finally took from them; Sánghí and Khírwálí were engaged in one continuous skirmish; the Mehím villages, now in Hissár, made a general attack on those on the present west border of Rolitak; and the Ránghars plundered every one indifferently,-a course of action which led to most of the Rånghar villages having to receive a number of new headmen, after order was restored, in place of others hanged. For three whole months the district presented one long scene of mad rioting; vet, withal, the people did not fail to take advantage of a good rainfall to secure a capital crop. The fighting was generally conducted in a most amicable way; due notice of the attack about to be made was given, and the question was fairly and deliberately fought out between the two parties. These little pastimes were somewhat disagreeably interrupted by Captain Hodson, who left Delhi on the 14th August, and having executed justice on rebels and deserters whom he found at Kharkhandah (where also he shot risaldár Bishárat Alí under a misapprehension), reached Bohar on the 16th, and moved on to Rolltak on the evening of the 17th. A few of the city rabble, who were bold enough to attack him then, were easily dispersed and some slain, and for the night the little force of 400 horsemen rested by the old Court house, and was furnished with supplies by the welldisposed portion of the townsmen. By the morning, however, the city Shekhs and butchers had taken heart again, and as a large number of Ranghars had gathered from the neighbourhood during the night, the united forces advanced to attack Captain Hodson after By feigning to retreat, he drew them on for some distance. and then turning upon them with his cavalry, distributed into five bodies, he cut up about 100 of them, and scattered the rest in wild flight to the city. The walls of the city and fort were manued with a number of matchlock men, and Captain Hodson did not therefore consider it wise to make any further attack, and after riding round

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Captain Hodson's incursion.

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The end of the disturbances.

wards.

the city he drew off to the north and encamped at Jassia. Thence he returned to Delhi by the way of Sunipat. But the lesson had its effect, and the Rolitak Minhammadans were much less troublesome thereafter, and ceased to roam the country in large bands, although faction fights among the villages were still vigorously pursued.

The anthority of Government was not restored openly and permanently until twelve days after the memorable 14th of September, on which Delhi fell. On the 26th of that month, General Van Cortland with a force of Phujáb levies and contingents from the Patiála and Bikánír States, and accompanied by Mr. Ford and Misr Mannú Lál, marched into Rohtak, and proceeded to distribute justice among all concerned in the late disturbances. The actual money loss to Government had been the plundering of about 3½ lakhs of treasure and Rs. 9,000 worth of stamps, and the destruction of all government buildings and records except at Gohána: the canal, however, had not been injured. Many rebels were shot and hanged; property stolen was as far as possible recovered: the district was effectually disarmed throughout; the ontstanding revenue was promptly collected; the villages which had been most prominent in evil doing were fined Rs. 63,000; rewards were given to the deserving, and the lands of the guilty were confiscated. The worst evil-doers of the time had been the Shekhs of the Fort, the butchers and the Ranghars, and on these the heaviest punishment fell. But it should be remembered in extenuation, that many Shekhs and Ranghars, serving in our army, remained faithful to their colours, and did excellent service for us at Delhi and elsewhere, for which they received due rewards. Services and re- It is more pleasing to turn to the other side of the picture, and note instances in which (to quote the words of the Secretary to the Punjab Government, now Sir R. Temple, on the Delhi territory in the first Administration Report after the Mutiny) "there were "found many natives, often of the humblest orders, who were kind "to our fugitives, and who, sometimes at imminent peril to them-"selves, fed the hungry, clothed the naked, and sheltered the house-"less." A Ját of Mahmúdpúr, Gohána, conveyed a party of women and children to Panipat, at no small risk to himself, and his son still shows with pride the picture of the Queen-Empress which the grateful refugees afterwards sent to him. The Jats and Baniyas of Baland and Mehim protected and escorted to places of safety certain officers of the Customs line and their families, -in the latter place at the risk of their own lives, from the violence of the The Gohána Chandris passed on in safety officers of the Canal and Customs departments, fleeing before the storm. A party of women and children from Gurgáon were conducted by a Jat, Anand Ram, from Kanaundh, where they were under the protection of the Jhajjar Nawab, to Panipat; and Sir T. Metcalfe was similarly escorted by a Rájpút of Bond-Naurang Singh. Mr. Loch was twice accompanied from the district, once by a Ját of Khánpúr Kalán, Gohána, and once, as related, by some Ránghars stationed at Bahádnrgarh. All these services, and others performed elsewhere, by Rohtak men, were snitably rewarded. Chandri Rustam Alí received a revenue assignment of Rs. 1,000 per annum in perpetuity to him and his heirs (male);

but the latter have unfortunately failed. The Mehim Jats and Banivás who saved European life were similarly rewarded by grants for three generations, and the Baland men by grants in perpetuity. Anand Ram and Naurang Singh received land revenue free out of Chhuchhakwas; the inhabitants of Rolitak, Jassiah and Sáughi, who had furnished Captain Hodson with supplies in August, reaped the return due to their readiness; and risaldar Sandal Khan had assigned to him for two lives the revenue of Bábra in Jhajjar. Mir Barkat Ali Khán, risaldúr of the 1st Bengal Cavalry, was allowed to purchase Bir Bahadnrgarh, now Bír Birkatábád, to be held on a revenue fixed in perpetuity; the thánadar of Karuál, Kámdár Kháu, received a large grant out of Chlinchhakwas revenue free, and other grants have since then been made for good services rendered in the Mutiny. It may be remarked that the general population of the district throughout their rioting bore no special ill-will towards the British Government. On the contrary, they always speak of the "Sirkar" and their old officers in unusual terms of affection, and there are no more loval and well-disposed subjects of the empire in ordinary times. But it was not to be expected that they, who had so lately laid aside a warlike for an agricultural character, should remain perfectly passive and quiet, when deserted by their local officers, and incited by unitinous troops, and a small disaffected portion of the community.

From early in October complete order was restored in the old Rolitak district of which Mr. R. Jenkins became first Deputy Commissioner. Two hundred Jind horse were stationed at head-quarters, and 50 at Gohána, and Mr. Ford was at leisure to go south to the Jhajjar territory. A force under Colonel R. Lawrence, as political officer, had already been detached to pacify the country lying southwest of Delhi, and arrest its traitor chiefs, to whom we must now turn. On the outbreak of the Mutiny the Nawab Abdurrahman Khán* at once sent news of the events at Delhi to the Lientenant-Governor of the North-Western Provinces at Agra, and, in reply, he was ordered to place himself under Mr. Greathed's orders. This he failed to do as he failed to send the force demanded of him to Robtak; on the other hand, he did despatch some troopers to Mr. Ford's assistance at Gurgáon on 13th May; the bearing, however, of the men sent was unsatisfactory, as was later the case in Rohtak, and as had been the behaviour of the Jhajjar escort, when the Commissioner, Mr. S. Fraser, was cut down in Delhi, and Sir T. Metcalfe was attacked. When the latter came to Jhajjar on 14th May, the Nawab did not see him, but sent him on to Chhuchhakwas, and from there (according to Sir T. Metcalfe) turned him out of his territory. On the other hand, the Nawab protected the lives of a number of women and children made over to him from Gurgáon, and had them conveyed by Auaud Rám to Pánipat, at

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Services and rewards.

Conduct of the Jhajjar Nawab.

^{*} Note--In "The Punjáb and Delhi in 1857," it is said that the Nawáb was in Delhi on 11th May. This is incorrect: he was at Nárnol at the time; the fact of his being at Delhi was never alleged against him on his trial. There are many other mistakes in the same book; for instance, the Nawáb of Dádri is said to have paid the penalty of his treason with his life.

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Conduct of the Jhajjar Nawáb.

His trial.

the end of July. He did not possess sufficient loyalty or courage to enable him to join the British forces on the ridge; and while he played a double game, and made professions to Mr. Greathed, 250 to 300 Jhajjar troopers, under his father-in-law, Abd-ns-Samud Khán, fought against us at Delhi, and especially at the battle of Badli-ka-Serai, and were paid by the Nawab. But again 70 Jhajjar savárs stationed at Karnál remained faithful throughout the Mutiny, and were afterwards incorporated in the 3rd Sikh Cavalry. Still, in short, he had utterly failed to do his duty; and when, on the assembly of Colonel Lawrence's force at Dádri, he was summoned to come to Chhuchhakwás and there surrender himself, he at once obeyed the order, and gave himself up to take his trial on 18th October. On the same day the fort of Jhajjar was occupied, and on the following day, after a smart conflict, that of Nárnol. The Jhajjar troops were ordered to give up their arms, but most of them broke loose and fled south to join the Jodhpur mutineers. Jhajjar territory was taken under management by Colonel Lawrence. until the result of the Nawab's trial should be known, and for a time 600 Patiála foot and 200 horse were stationed there. The trial of the Nawab took place in Delhi, in the Royal Hall of Audience, before a Military Commission presided over by General N. Chamberlain. It commenced on the 14th December, and judgment was given on the 17th. The charges against the Nawab were laid under Act XVI of 1857, and consisted of allegations that (1) he had aided and abetted rebels and others waging war against the British Government in places being at the time under martial law; (2), that he had furnished troops, money, food and shelter to the rebels; and (3), that he had entered into treasonable correspondence with them. Sir T. Metcalfe, Mr. Ford, and Mr. Loch gave evidence against the accused, together with some other officers and native witnesses. The sanad which granted the estate to the Nawab Najabat Ali Khan contained a condition that in times of difficulty and disturbance, or when required, the Nawab should furnish 400 horsemen, and, moreover, should always remain a well-wisher and devoted friend of the English Government. These conditions the Nawab could not pretend to have fulfilled, and his country therefore clearly stood forfeited in any case. The evidence given proved that the Jhajjar troops did nothing to protect the English officers in Delhi; that they had fought against us there; that during that time they had been paid by the Nawab, with money sent from Jhajjar; that other sums of money had been sent to the rebels at Delhi; that the traders of Jhajjar had been compelled to subscribe to a forced loan for the king; that a prince of the Delhi house had been received and entertained at Jhajjar; and that the Nawab had been in treasonable correspondence with the king of Delhi, and, among other things, had promised to send a regiment of cavalry and five lakhs of rupees as soon as his revenue should be collected. It was also proved that the forts of Jhajjar and Nárnol were in a complete state of military preparation when seized. The defence of the Nawab was prepared by an old servant of his, Ram Richpal, afterwards an Honorary Magistrate of the town of Jhajjar, who died in 1881. It consisted merely of the allegation that the troops were beyond his control, and

had acted as they pleased. This was vehemently denied by the prosecution, but there was nevertheless a certain amount of truth in the statement. The Muhammadan troops at Jhajjar did mutiny against their Hindu officers, whose village and houses they attacked, and whose women and children they killed, and their disorderly conduct in other places than Jhajjar has already been mentioned. The Nawab was never a man of any great resolution, and there is no doubt that he was largely influenced in his miwillingness to go to the Delhi ridge by fears for the honour of the ladies of his family. That he failed in what was his clear duty, and that he abetted and assisted the rebels, is undoubted, and the loss of life and country paid the forfeit; but his treason can hardly be designated as of the worst type; and, at any rate, no English blood was shed in the Jhajjar territory, though the opportunities of shedding it were many. He was found guilty by the Commission without hesitation, and was sentenced to be hanged, and all his property to be conficated; his execution took place on the 23rd December, in Delhi, before the fort. The latter portion of the order was confirmed by the Chief Commistioner and the Government of India, and was duly carried out. All the dependents and members of the family received small pensions, and in the end of 1858 they were transferred to Ludhiana and Lahore. One branch of the family, represented by Shavista Khán, and which had not been implicated in the events of the Mutiny, was permitted as a favour to live at Saharanpúr.*

The Nawab of Bahadurgarh was at Dadri, where he usually Conduct of the Baresided, in May 1857, and he remained there until he surrendered like his consin to the British troops in October. The Dádri troops stationed at Hissár mutinied with the Irregular Horse and Harriána Light Infantry there, and joined in the murder of the Collector and other Englishmen; but no active participation in the events at Delhi could be proved against the Nawab himself. He had indeed seut an offering to the king, and addressed him in a letter of fulsome adulation, and the rebels in Delhi had drawu supplies from Bahádurgarh. But this was all; and as the Nawab had really no control over the villages distant only 15 miles from the capital and 30 miles from himself, and as he had wished to aid Sir T. Metcalfe in his escape, it was decided that, taking all this into consideration, together with his old age and decrepitude, it was not necessary to try him for his life. To this decision the Government of India acceded; adding, that it "is just and necessary that the Nawab shall forfeit all his possessions, which he held on condition of loyalty and good service." The forfeiture was carried out, and Bahadur Jang Khan was removed to Lahore, where he enjoyed a pension of Rs. 1,000 a month, and where he died in 1866.† In this manner did the once powerful

The sentence.

hádurgarh Nawáb.

The punishment.

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^{*} Note.—The correspondence concerning the trial and punishment of the Nawab of Jhajjar is to be found in the following letters: - Commissioner, Delhi, to General Communding Delhi Division, No. 20. of 26th November 1857; Commissioner, Delhi, to Chief Commissioner, Punjáb, No. 24 of 2nd January 1858; Chief Commissioner, Punjáb, to Government of India, Foreign Department, No. I A. of 18th February 1858; Government of India to Chief Commissioner, Punjáb, No. 1453 and 1035 of 28th May and 2nd September 1858.

⁺ Note. - The case of the Bahadurgarh Nawab was discussed in the following letters :- Commissioner, Delhi, to Chief Commissioner, No. 57 of 3rd March 1858;

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History.
Constitution of the present district.

Bharaich family pass away from among the ruling Chiefs of North India.

The Baliadurgarh estates were added to the Sampla tahsil, five detached villages to the east going to Delhi; and Jhajjar, including Nárnol, Kánaundh, Dádri, and the rest of the old territory, was created into a new district. Two Dadri villages-Senpal and Kharári—and one Jhajjar village—were included in the Rohtak tahsíl, and five Jhajjar villages in the Sampla tahsil; for a time nine others (called the Mandanthi villages) were also added to Sampla, but these were taken back again later. The two districts of Rohtak and Jhajjar, together with the rest of the Delhi and Hissar divisions, passed to the Panjab by the Government of India Notification No. 606 of 13th April 1858. Shortly afterwards, the loyal services of the Phulkián Chiefs were rewarded by the assignment of Dádri to the Rájá of Jínd, of Nárnol to Patiála, and Kántí and Bawal to The summary settlements of the remaining Jhajjar parganas and of Bahádnrgarh were commenced by Mr. J. S. Campbell, the first Deputy Commissioner of Jhajjar; and in the middle of the work, India passed from the Honourable East India Company to the Crown by the Proclamation of 1st November. Things soon settled down to peace and order throughout the districts, of which one was not to last long. It was determined to cancel a debt due to the Nábha and Patiála States, by assigning to them portions of the Kanaundh pargana, and the Raja of Jind was allowed to purchase some of the villages also. This left only the two parganas of Jhajjar and Bádli in the new district, and from 1st July 1860 it was abolished, and the Jhajjar tahsil added to Rohtak, seven Bádli villages being transferred to Delhi, 21 to Gurgáon, and two detached Jhajjar estates going to the Raja of Jind. In the following year, when the general revision of tahsils throughout the Punjab took place, that of Mehim was abolished. The old eastern estates of Rohtak-Beri were made over to Sampla, which also received 12 villages from Delhi; a few Mehim villages and Bhiwani (now created into a new pargana) went to Hissar, and the rest were added to the Rohtak tahsil. These changes were completed by 1st July 1861. In the same year occurred the famine, and a second followed in 1868-69. Otherwise, the course of events in the district has, generally speaking, been uneventful. The regular settlement of the Jhajjar and Bahádurgarh villages were completed by Rái Partab Singh in 1862: municipalities and honorary magistrates have been appointed; the Customs line was abolished in 1879; the new alignment of the Western Jamná Canal has been put in hand since 1878, and the drainage channels in Sampla have unfortunately been constructed and are now being remodelled. The rainfall and flood of September 1875 are perhaps the only other occurrences to be noted, together with the present settlement, and the second Revenue Survey of the district. The Deputy Commissioners best remembered by the people in the district have been Colonels Voyle and Hawes, Captain Grey, and Mr. F. E. Moore, who was murdered by a Jat

1858—1880.

while sleeping outside his house on 6th August, 1877, to the great grief of every one in the district, to whom his kindliness had greatly endeared him. Nawáb Hasan Alí Khán of Dujána died in 1867, and his son and successor, Saádat Ali Khán, in 1879: the present Nawáb. Mumtáz Alí Khán, has recently (1882) assumed management of his estate, which during his minority was administered for him by his uncle Nijábat Alí Khán.

There is only one other point which calls for notice in the past history of Rohtak; unfortunately, it is one which exercises periodically an evil effect on the tract, viz., the famines. Those which are still especially recollected by the people are the following. A famine is termed akál:—

AD.			Sambat.			Names.
1753-54	•••	***	1810		•••	••••
1782-83	•••	•••	1840	•••		Chálisa.
1802.03		•••	1860			Sátha.
1812-13			1869			Unhattara.
1817-18	•••		1874	•••		Chauhattara.
1833 34	***	•••	1890	•••	•••	Nawwia.
1937-38		••	1894	•••	•••	Chauránawa.
1860-61	•••	•••	1917	•••	•••	Sattrah.
1868-69	•••	•••	1925	•••	•••	Pachisá.
1877-78		•••	1934	•••		Chautisá.

The famines seem to have occurred irregularly, and to have nothing of a cyclic nature about them; eight in the present century give one every ten years on an average; as a fact, two have occurred in each of the second, fourth and seventh decades, and none in the third, fifth, and sixth, though the famine of 1860-61 was only just outside the last. From the terrible chálisa, which lasted three years, and in which grain sold at five seers the rupee (equal perhaps to 1½ seers at present values), a very large number of villages of the district date their refoundation in whole or in part. Curiously enough, no sayings or songs regarding this famine are commonly known among the people, or at least could be discovered. Its terrible ravages have been described by a master pen in the "Rájás of the Panjáb." In the sátha famine, grain sold at 10 seers the rupee, two consecutive harvests having failed. The efforts made by M. Perron to alleviate distress in this year are still gratefully remembered by the people. The unhattara famine was most severe in the Bágar country, from which large numbers flocked to Rohtak, and especially to the Jhajjar tahsil, and settled as cultivators. Grain sold at 7 or 8 seers per rupee. The chauhattara, like that of 1877-78, was a fodder famine chiefly; the price of grain did not rise above 12 scers for the rupee. The namina famine was very severe; grain is said to have been altogether unprocurable, though prices did not rise to an unprecedented pitch. Of this famine the people have a saying "Baniya bhar gaya kothi men, Balak rowe roti men," meaning that the "the shopkeeper hid in his house, and the child wept over its meals" and expressing the trouble and hunger which fell on all. The chauránawa famine was less severe again. The sattrah famine was the first in which relief was regularly organized by the British Government. It was severest in Márwár and Bikanir, and thousands of hunger-stricken people swarmed in from these parts. The rains of 1859-60 were poor, and those of Famine, 1860-61. 1860-61 failed almost entirely, so that the Najafgarh jhil ran dry—an

Chapter II. History.

Famines.

Early famines.

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History.
Famine, 1860—61.

occurrence unknown before—and grain sold in Rolitak for some time at 8 seers the rupee. In the official report of the Commissioner (No. 169 of 17th August 1861) it is stated that nearly 500,000 people were relieved by distribution of food, and in other ways; that nearly 400,000 had been employed on relief works (chiefly tanks, and a few roads); and that Rs. 34,378 had been spent on these objects: Rs. 2,47,971 of land-revenue were ultimately remitted. The number of deaths by famine was put at 144, but the Commissioner admitted that it was impossible to guess the real number of deaths caused by gradual starvation. The kair (or karil) bush yielded an abundant supply of berries, as it seems always to do in famine years, and the people lived largely on its fruit for weeks. The stores of the country had been generally exhausted by three bad harvests previous to the actual famine year, and the villages were most severely tried by it, though fortunately not permanently injured; the loss of cattle was considerable, but nothing like that in 1877-78. The 11th paragraph of the Commissioner's letter is well worth quoting, and runs thus: "With a very limited amount of "moisture, the soil of this country is exceedingly prolific; all, how-"ever, depends on the rainfall. When rain fails, everything is lost, "and the soil becomes hard as iron. The feature of absolute drought "and failure of rain is a remarkable one in these parts. Every consi-"derable town and village can point to its former site or sites, prior to "such and such a famine or drought, which depopulated the country, "and these occurrences appear to serve as eras in the popular record "of the past." The following sayings of the sattrah akal are commonly in the mouths of the people:-

Parte kál Jullahe mare, aur bich men mare Teli, Utarte kál Baniye mare; rupiye ki rahgaidheli; Channa chironji hogaya, aur gehun ho gae dákh; Sattrah bhi aisa para chalisa ka bap;

that is, "In the beginning of the famine died the weavers (menials); "in the middle the oil-men (village servants); at the end the traders; "and a rupee became worth only half its value; grain sold at the "price of pistachio nuts, and wheat at the price of raisius; the famine "of seventeen was more severe than that of forty." Of the same famine there is a well-known song of some length, from which the following couplets are taken: "The traders collected old and bad grain, and sold it for an enormous price. The beam of their scales broke, and their weights were worn away (by constant use); "the trader lived, and the Jat died. The carts remained useless, for "the oxen were dead; and the bride weut to her husband's house "without the due formalities." The last line is most expressive of the intensity of the distress: the parents being no longer able to feed their daughter, she was forced to go in an irregular way to her husband's house—a terrible breach of marriage etiquette.

Famine, 1868-69.

In the pachisa famine of 1858-69 the distress in Rohtak was as severe as in any part of the Punjab. In the early months of 1868 there was a fair amount of rain, but the fall of July, August, and September failed entirely, and before the end of the year grain was selling at 10 seers the rupee, and relief works had to be started. The showers which fell elsewhere in January and February did not

extend to the Hissár division, and misery became intense throughout the summer of 1869, till at last good rain fell in September, and saved the district from a possible repetition of the events of 1780-83. 719,000 destitute persons received relief; 1,250,000 were employed at various times on relief works; Rs. 1,33,000 nearly, were spent in alleviating the calamity, and Rs. 2,09,269 of revenue were in all remitted. Of the money granted, Rs. 12,000 were given in the shape of advances, Rs. 25,000 were spent in the purchase of food, and the rest was expended on works—chiefly the clearance of village tanks. The special feature of the relief in this famine was the amount made up by voluntary subscriptions of the people themselves, which was nearly Rs. 45,000. The loss of life was considerable. although at the time this was not admitted; the loss of cattle was nearly 90,000 head, and some 50,000 were said to have been sent off to the hills in order to save them from starvation. It may be remarked that the numbers relieved directly, or on the works, varied for some reason in an extraordinary manner from week to

The last drought in the Rohtak district, so far as the present Drought, 1877 78. century has advanced, took place during the progress of the recent Settlement in 1877-78, and the loss of cattle in these years was perhaps greater than had ever been known before. There was but little rain in June, none in July or August, and only two inches in September, when it was too late to sow anything. Grass withered away from the face of the soil, the cattle began to die in large numbers in the autumn of 1877, and famine prices were soon reached. Matters were made worse by the gambling transactions of the traders in grain (badni); credit was refused to the cultivators; food stores began to be largely exported from the district, and the people in consequence became greatly exasperated. In the begin. ning of the trouble, the unhappy death of Mr. Moore occurred. and presently disturbances commenced. Highway robberies grew common, grain carts were plundered, and finally the bazár at Bádli was attacked and gutted by the Jats of the place. The prompt and severe punishment which followed this outbreak prevented similar designs from being carried out, but there was still an nneasy feeling on the country side which did not die away for some months. The winter rains again failed, and the mortality among cattle became terrible; still no relief was considered necessary by Government: the revenue demand was not even suspended. Fortunately, good rain fell at last in July and August 1878, and though the later rains were scanty, an abundant crop of fodder was obtained and a fair crop of grain. During the cold weather of 1877-78, the aspect of the country was desolate beyond description. There was literally no crop in the rain-land villages; in a ride of 20 miles not even two or three plots were to be seen. The grass had wholly disappeared, and nothing but thorns and weeds met the eye in the fields. The loss of cattle of agriculturists amounted to 176,000 in one way or another-by sale, deaths, or transfers, and it will take the district many years to recover from this. Ultimately Rs. 80,000 of the collections due in

Chapter II. History Famine, 1868-69.

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History.

Drought, 1877-78.

the spring of 1879 were suspended, and this perhaps gave a little relief. Of this drought the people quote the following lines: "An "ox sold for a piece of bread, and a camel for a farthing: the year "thirty-four has destroyed the stock (root) of oxen and of buffaloes. "The year thirty-four has killed thirty-four tribes (out of the thirty-"six); two only, the trader and butcher, have survived, the one by "use of his scales and the other by use of his knife (to slaughter the "cattle)." Another song composed by a well-known local poet, who lives at Dujána, is of considerable artistic merit, but is much too loug to be quoted.

Effects of the famines.

The people declare that the loss of cattle from famines is now much greater than it used to be, and, in so far as there are now no large grazing grounds in the district and the number of cattle has greatly increased, this is true. But fodder is now perhaps more carefully preserved than in former days, and famines from actual scarcity of food causing general starvation cannot occur. But again the traders, though they keep by them larger stores of grain than formerly, speculate more freely now-a-days, and export largely, where they had in old days to confine themselves to the local markets; their relations also with the people are more strained than they used to be. The recurrence of famines is the most important historical feature in the revenue administration of the district, of whose area only 13 per cent. is artificially protected against them, and it affects the agriculturists to some degree in various relations of life. The people of rain-land villages strive to get a few acres of canal land to cultivate in years of drought, and so great is the burden of the dwellers in canal estates, that they will not marry their daughters into rain-land villages, if they can help it. The songs are full of reference to this-" Meré bebehe (O sister), naddion pár dhartí "dedehe" (give me some canal land) ;-" Meré bhaiyone (O brother) "nahrón pár dhartí baiyo ne" (sow some land on the canal). The people do more or less provide against the famines, but they are exceedingly short-sighted in their arrangements, and as population grows denser, these become more and more difficult to make. Severe droughts and famines shake even the strongest estates to their very foundations.

Growth of the district.

The manner in which the district has attained its present dimensions has been sketched in the preceding pages. But it may be useful here to collect the facts.

The district naturally divides itself into two separate portions—(1) the older tracts forming nearly the whole of the three northern talsils, and which have been under our administration for over 60 years; and (2) the estates which belonged once to the Nawábs of Jhajjar and Bahádurgarh, and came under English management only in 1858. The former comprise 295 villages, with an area of 805,315 acres, and the latter amount to 219 in number, with an area of 348,232 acres. Two-fifths of the villages, therefore, and nearly one-third of the area, have been added to the Rohtak district since the Regular Settlement of the principal portion was made in 1838—40.

The following figures show the constitution of the old or northern sub-division:—

VILLAGES.							
	-	N	OW IN TARS	ır			
FORMEBLY IN	Gohána.	Rohtak.	Sámpla.	Total.			
Rohtak-Beri tahsil		2	82	21	105		
Wehim do.		•••	28	l	28		
Gohána do.]	80]]	80		
Sámpla do.		•••		62	62		
Hawelt-Palam, Delhi tahsil		•••		12	12		
Kings Táiúl villages		1		6	7		
Jágír		***	2	21	1		
Bahádurgarh State		***	2		23		
Jhajjar do.	••• [***	1	5	в		
Total		83	214	127	324		

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Growth of the district.

Deducting the 29 estates of the two Nawabs from the above total. we have a remainder of 295 old villages in these three tahsils, of which the last added to the district were the twelve Delhi estates in 1862 A.D. The actual number of villages which have remained incorporated in the Rohtak district since its creation in 1824 A.D. is thus 283, and the actual number which has been directly under our revenue administration since then is 275; the Rohtak jágír village was resumed in 1844; the Sampla táiúl estates were taken back on account of gross mismanagement in 1848, and the Gohána estate confiscated in 1857; its revenue, however, had been fixed in 1845. To complete the tale of changes since 1840, it must be added that four Sampla estates were transferred to the Súnipat talisil in 1862, and six Mehim villages, together with all those of Bhiwani, in nnmber thirteen, to the Hissar district at the same time. As has been already stated only the Rohtak-Berí and Mehím-Bhiwání tahsils were at first taken nuder our management; Gohána and Kharkhaudah-Mandanthi were not added till ten years later, and the district was not constituted till 1824.

We come now to the 219 estates added to Rohtak within the last Jhaijar and Bahá-25 years. Their disposition in the present district may be shown durgarh villages, thus—

Bahádurgarh estates	••	Sámpla. 21	Roktak,	In tahsil Jhajjar,	Total,
Jhajjar estates	•••	.,, 0	1	<u>190</u>	196
		26	3	190	219

Five detached villages, belonging to the Bahádurgarh Nawábs, were, as has been already stated, made over to the Delhi district. The five Jhajjar villages, now in the Sámpla tahsíl, and the two Dádri (Bahádurgarh) villages—Kharári and Senpal in Rohtak—had been placed under the police control of the Collector of Rohtak in 1848, though their revenue administration rested with the Nawábs; the former include the two notoriously criminal villages of Gochlú and Chhárá. The estates which now form the southern revenue subdivision were included under the Nawábs in the two tahsíls of Bádli

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and Jhajjar-140 to the latter and 50 to the former, according to the present number of villages; of the nine Jhajjar estates which were included in Sampla from 1858 to 1861, and which are called the Mandauthi villages in Mr. Purser's Assessment Report, eight belonged originally to the Jhajjar tahsíl, and one to Bádli.

Constitution of

The four tahsils of the Rohtak district are now constituted as the present district follows, as compared with what they were at their last Settlements:-

			_ 	GAI	N BY			,	Loss By	Z		tabsil
TARSIL.	Number of Former Estates.	Creation or separation of new estates	By additions from outside.	By resumption.	By confiscation.	Огаза ргезегтев.	Total gain.	Transfer elsewhere.	Amalgamation of estates.	Total loss.	Net gain.	Number of estates in the now.
Gohána Rohtak Sámpla Jbajjar Total	 71 104 66 182 423	9 1 1 5	2 28 33 1 64	 6 	1 3 25 	 3	12 33 65 9	23 4 27	 ₁	23 4 1	12 10 61 8	83 114 127 190 514

The changes have been referred to in detail in the Assessment The new estate in Sámpla is that of Bír Barkatábád, formerly Bir Bahadurgarh; the three grass preserves in Jhajjar are the property of Government, and are leased out yearly for grazing. More than half the Sampla estates, it may be noted, have been added to that tahsil since 1838, and rather more than one-third of those in

District officers since annexation.

The following table shows the names of the officers who have held charge of the district since annexation :-

NAME.	From	То	
Mr. 8 Campbell, Deputy Commissioner " R. P. Jenkins, do. " W. Plowden, do. Capt. H. J. Hawes do. Wr. C. W. Lennox, Extra Asst Commr. (pro tem) Capt. H. C. Horne, Deputy Commissioner " H. J. Hawes, do. " H. B. Urmston, do. " B. F. Graham, do. " H. B. Urmston, do. " H. B. Urmston, do. " H. B. Urmston, do. " Wr. O Wood do. Lient. Col. F. E. Voyle, do. Mr. C. W. Lennox, Extra Asst. Commr. (pro tem.) Capt. H. C. Horne, Deputy Commissioner Mr. C. W. Lennox, Extra Asst. Commr. (pro tem.) Capt. H. C. Horne, do. Lieht. Col. F. E. Voyle, do. Mr. C. W. Lennox, Extra Asst. Commr. (pro tem.) Capt. H. C. Horne, do. Lieht. Col. F. E. Voyle, do. Mr. C. W. Lennox, Extra Asst. Commr. (pro tem.) Capt. T. F. Forster, Deputy Commissioner Lient. Col. F. E. Voyle, do.	25th Septemher, 1857 1st May, 1858 3rd August, 1858 7th Marcb, 1860 9th September, 1861 14th September, 1861 12th December, 1861 19th March, 1862 2nd April, 1862 12th May, 1863 31st October, 1863 31st October, 1864 26th August, 5th September, 1864 24th September, 1864 24th September, 1864 16th November, 1864 16th November, 1864 16th November, 1864 17th May, 1866 17th May, 1866 25th October, 1866	3rd August, 1858. 7th March, 1860. 9th September, 1861. 14tb September, 1861. 17th November, 1861. 19th March, 1862. 2nd April, 1862. 1st September, 1863. 31st October, 1863. 23rd May, 1864. 28th May, 1864. 23td September, 1863. 4th September, 1864. 5th May, 1864.	

Name	From		То	
Major J Fendall, Deputy Commissioner "H J Hawes, do. " Mr. A. W. Stogdon, do. " Major H J Hawes, do. " Captain L J. H. Grey, do. " Mr. F E. Brett, Extra Asst. Commr. (pro tem.) "B. G. Melvill, Deputy Commissioner " Capt. L. J. H. Grey do " " " " " " " " " " " " " " " " " " "	10th April, 19th May, 14th October, 14th December, 11th July, 24th August, 21st September, 1st March, 5th January, 21st March, 5th August, 22nd July, 4th February, 6th August, 9th August, 5th June. 16th August, 15th June. 16th August, 15th June, 16th August, 16th August, 16th August, 16th August, 16th Ocember, 18th May, 18th February, 15th August, 18th Ocember, 18th O	1867 1868 1869 1869 1870 1870 1871 1872 1872 1872 1872 1872 1874 1876 1876 1876 1876 1878 1878 1878 1878 1879 1880 188	19th May, 14th October, 14th December, 14th July, 23rd August, 21st September, 21st November, 1st March, 9th March, 9th April, 10th June, 20th December, 18th May, 22nd July, 3rd February, 6th August, 9th August, 15th August, 15th August, 19th Haugust, 19th August, 19th August, 19th August, 19th February, 11th August, 11th February, 11th August, 11th November, 22nd May, 7th October,	1868 1869 1870 1870 1870 1871 1871 1872 1872 1872 1872 1872 1874 1876 1876 1876 1876 1876 1878 1878 1880 1880 1880 1883 1883 1883

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History.

District officers since annexation.

Some conception of the development of the district since it came into our hands may be gathered from Table No. II, which gives some of the leading statistics for five-yearly periods, so far as they are available; while most of the other tables appended to this work give comparative figures for the last few years. In the case of Table No. II it is probable that the figures are not always strictly comparable, their basis not being the same in all cases from one period to another. But the figures may be accepted as showing in general terms the nature and extent of the advance made. When we took over the four old tahsils of the district, between 1810 and 1820, we found the western portion almost wholly overrun with jungle, life and property generally insecure; many of the smaller estates deserted for the refuge of the larger ones, the canal destroyed, and the whole machinery of administration out of gear. The district is now one of the most prosperous in Northern India.

Development since annexation,

CHAPTER III.

THE PEOPLE.

SECTION A.—STATISTICAL.

Chapter III, A.

Statistical.

Distribution of population.

Table No. V gives separate statistics for each tahsil and for the whole district, of the distribution of population over towns and villages, over area, and among houses and families; while the number of houses in each town is shown in Table No. XLIII.

The statistics for the district as a whole give the following figures. Further information will be found in Chapter II of the Census Report of 1881:—

			(Persons		82.03
Percentage of total populat	ion who live in villag	res	Persons Males Females	•••	82.83
			Females	,	81.13
Average rural population pe		•••	• • • • • • • • • • • • • • • • • • • •		960
Average total population pe		•••	***	•••	1,138
Number of villages per 100	square miles	•••	***	•••	27
Average distance from villa				•••	2.07
	[makal area	(Total p	opulation	•••	306
	10tal area	Total p	population		251
Density of population per	Cultivated anna	Total r	opulation	•••	391
square mile of	Cultivated area	· Rural	population	٠ '	321
Density of population per square mile of	Cultural la saca	(Total r	nopulation		331
	Culturable area	··· (Rural)	population		272
	-	` i	Villages Towns		1.59
Number of resident families	s per occupied nouse	1	Towns		1.53
37		ì	Villages		7.56
Number of persons per occu	apiea nouse	{	Villages Towns		6.76
373	3 . 6 . 3	ì	Villages		4.75
Number of persons per resi	dent family	}	Villages Towns		4.41
				•••	

The average population per village is larger than in any other Punjáb district, owing to the large size of the fine Ját communities which form so striking a feature in Rohtak. In the canal circles the density of population rises as high as from 500 to 550 per square mile, and in some of the large Ját villages, to over 600 and even 700. The small number of estates in the Rohtak district is very striking. The Cis-Sutlej plain districts of the Punjáb have an average village area of 1,382 acres, and an average village population of 542 souls. But the 514 estates of Rohtak contain on an average 1.076 persons, and an area of 2,244 acres each; and if the southern tahsil, which contains two-fifths of the estates, is omitted, the figures are 1,376 souls and 2,640 acres. Of the whole number of estates, three are Government grass preserves, 30 are uninhabited, and 481 inhabited. Looking at the large areas of the villages, Mr. Thomason hazarded a guess in 1845 A.D. that the Settlement which has recently expired would be marked by the foundation of many outlying hamlets. This has not been the case, and is not likely now to be so. In ten estates only do there exist any settlements at a distance from the main village, and hardly any of these are of modern date; the people seem quite content to plod long distances daily to and from their work-a habit born no doubt of the

days when they might be compelled at any moment to take refuge Chapter III, A. from the fields within the fortified village.

Table No. VI shows the principal districts and states with which the district has exchanged population, the number of migrants in each direction, and the distribution of immigrants by tahsils. Further details will be found in Table XI and in supplementary Table C to H of the Census Report for 1881, while the whole subject is discussed at length in Part II of Chapter III of the same The total gain and loss to the district by migration is

	ion pe popul	r mille of ation.	f total
Persons Males Females		Gain. 179 106 264	Loss. 142 88 205

shown in the margin. The total number of residents born out of the district is 99,376, of whom 31,398 are males and 67,978 females. The number of people born in the district and living in other parts of the Punjáb is 78,769, of whom 26,056 are males, and 52,713 females. The

figures below show the general distribution of the population by birth-place: -

		PI	OPORT	ол ре	R MILL	EOF R	ESIDEN'	r Popu	JLATION	₹.
Boen in		RUBA	L POPULS	ROIT	URBA	n Popul	ATION.	Тота	L POPUL	TION
		Males	Females	Persons	Males.	Females	Persons	Males	Female.	Persons
The District The Province India Asia	::	902 979 1,000 1,000	739 966 999 999	827 973 1,000 1,000	863 963 1,000 1,000	717 955 1,000 1,000	791 959 1 000 1,000	895 976 1,000 1,000	737 984 1,000 1,000	820 971 1,000 1,000

The following remarks on the migration to and from Rohtak are taken from the Census Report:—

Here the migration is very largely reciprocal in every case, though least so in the case of Rajputana. Rolltak occupies an intermediate position between the fertile Jamna tract and the far less fertile districts and states to its west and north. It gives to the former and takes from the latter, though in the case of Gurgáon the distress which has lately prevailed there has caused immigration to largely exceed emigration. On the whole, the introduction of canal irrigation and the fine soil of much of the district have produced an excess of immigration.

The figures in the Statement in the margin show the population

	Census.	Persons.	Males.	Females.	Density per square nule,
Actuals	1853 1868 1881	473,151 531,113 553,609	253,869 289 111 296,224	219,291 241,907 257,385	281 295 306
centages.	1868 on 1853 1881 on 1868	112·3	113·9 102·4	110 3 106·4	105 104

of the district as it crease of stood at the three enumerations 1853, 1868, and 1881.

Unfortunately the boundaries of the district have changed so much since

the Census of 1853 that it is impossible to compare the figures population as then with absolute accuracy, but the density of

Statistical.

Migration and birth-place of population.

Increase and depopula-

Chapter III, A. Statistical.

Increase and decrease of population.

ascertained probably did not differ much over the two areas. It will be seen that the annual increase of population per 10,000 since 1868 has been 19 for males, 48 for females, and 32 for persons, at which rate the male population would be doubled in 376.0 years, the female in 145.3 years, and the total population in

Year.		Persons.	Males.	Females.
1881		553 6	296,2	257,4
1882	•••	555,4	296,8	258,6
1883	•••	557,2	297.3	259,9
1884		559,0	297.9	261,1
1885		560,8	298.4	262.3
1886	•••	5626	299.0	263.6
1887	•••	564.4	299.5	264.9
1888		566,2	300,1	266.1
1889		568 0	306.6	267.4
1890		569.8	301.2	268.7
1891		571.7	301.7	270.0

216.0 years. Supposing the same rate of increase to hold good for the next ten years, the population for each year would be, in hundreds, as shown in the margin; nor is it improbable that the rate of increase will be sustained. Part of the increase is probably due to increased accuracy of enumeration at each successive enumeration, a good test of which is afforded by the percentage of males to persons, which was 53.70 in 1853,

54.45 in 1868 and 53.51 in 1881. Part again is due to gain by migration, as already shown at page 41. But the district is one of the healthiest in the Punjáb, and is still making steady progress, both in the extent, and in the standard of cultivation. The increase in urban population since 1868 has been slightly larger than that in rural population, the numbers living in 1881 for every 100 living in 1868 being 105 for urban, and 104 for total population. The populations of individual towns at the respective enumerations are shown under their several headings in Chapter VI.

Tahsíl.		Total pop	Percentage of popula- tion of 1881	
		1868.	1891.	on that of
Rohtak Jhajjar Sámpla Gohána		161,744 111,109 138,334 119,767	171,215 112,485 142,177 127,732	106 101 103 107
*Total district		530,954	553,609	104

*These figures do not agree with the published figures of the Census Report of 1863 for the whole district. They are taken from the registers in the District Office, and are the hest figures now available

Within the district the increase of population since 1868 for the various tahsils is shown in the margin. During the recent Settlement operations Mr. Fanshawe took a Census of the people, which gave a total population only 292 smaller than that returned at the Census of 1881. He thus discusses the figures of his enumeration—

Increase of population.

"It is difficult to say what the increase of population has heen of late years, inasmuch as, owing to the great changes made in the constitution of the district, and the absence of former records in detail hy villages, it is not easy to compare with the present ones even such former statistics as survived the Mutiny. In the Gohána Assessment Report, it has heen shown that the population of that tahsil advanced by 18 per cent. from 1853 to 1875. The five towns of Rohtak Berí, Gohána, Melúm and Kalánaur show an increase of only 9 per cent. during the same period, but the advance in towns would be expected to be less than in villages. The Bahádurgarh states show an addition to the people of 13½ per cent. since 1862, and the present Census gives an increase for the whole district of 4½ per cent. during the seven years since that of 1868. This advance has taken place in the three southern tahsils only, and, proportionately, to the greatest extent in Jhajjar, as would be primâ facie supposed. For the purpose of examining the increase of the actual able-hodied male agricultural population for a longer period, the pedigree tables of the forty largest estates of the

district have been abstracted for five generations with the following result. In Chapter III, A. the fifth generation from the present time there were 6.558 owners of land, who in the last generation before the present (whose tale is not yet complete of course, and shows only 10,536 names), had 16,037 descendants. That is, that Increase of populawithin a period of 100 years, the male agricultural population of the district increased by 145 per cent. This is not unlikely, considering what we know of the progress of the district; and it must be remembered that this increase refers only to families already resident five generations ago, and that no account is taken of recent settlers. In canal villages, however, which have suffered of late years from swamping, there has been a falling-off of population, in a few cases, to the extent of 10 per cent., and recently the villages on the drainage lines in Sámplá have also suffered.'

tion.

Table No. XI shows the total number of births and deaths Births and Deaths. registered in the district for the five years from 1877 to 1881, and the births for 1880 and 1881, the only two years during which births have been recorded in rural districts. The distribution of

			1880.	1881.
Males Females Persons	•••	:::	17 14 30	25 23 47

the total deaths and of the deaths from fever for these five years over the twelve months of the year is shown in Tables Nos. XIA and XIB. The annual birth rates per mille,

calculated on the population of 1868, are given in the margin.

The figures below show the annual death rates per mille since 1868, calculated on the population of that year:

	1869	1869	1870	1971	1872	1873	1874	1875	1876	1877	1978	1879	1880	1881	Average
Malea	. 8	24	19	19	15	16	21	23	17	19	38	68	29	32	25
Females		21	18	17	14	15	20	21	17	18	37	63	25	30	24
Persons		23	18	18	15	15	21	22	17	18	37	67	27	31	24

The registration is still imperfect, though it is yearly improving; but the figures always fall short of the facts, and the fluctuations probably correspond, allowing for a regular increase due to improved registration, fairly closely with the actual fluctuations in the births and deaths. The historical retrospect which forms the first part of Chapter III of the Census Report of 1881, and especially the annual chronicle from 1849 to 1881, which will be found at page 56 of that report, throw some light on the fluctuations. Such further details as to birth and death rates in individual towns as are available will be found in Table No. XLIV, and under the headings of the several towns in Chapter VI.

The figures for age, sex, and civil condition are given in great Age, sex, and Civil detail in Tables IV to VII of the Census Report of 1881, while the numbers of the sexes for each religion will be found in Table No. VII appended to the present work. The age statistics must be taken subject to limitations which will be found fully discussed in Chapter VII of the Census Report. Their value rapidly diminishes as the numbers dealt with become smaller; and it is unnecessary here to give actual figures, or any statistics for tahsils. The following figures show the distribution by age of every 10,000 of the population according to the Census figures :--

Chapter III, A.

Statistical.

Age, sex and civil condition.

1	Persons Males Females		 0—1 324 312 338	1-2 174 165 185	2-3 154 150 158	3-4 241 226 259	271 268 275	1,164 1,121 1,215	1,263 1,263 1,263	1,170 1,235 1,095	15-20
	Persons Males Females	:-	 1,023 1,012 1,036	25-30 895 890 878	30—35 817 789 849	35—40 517 525 506	40-45 655 615 699	45—50 371 398 339	50-55 499 502 496	55-60 	516 488 549

Population.	Villages.	Towns.	Total.
All religions 1855 1869 1881 Hindus 1881 Jains 1881 Musalmáns 1881	5,403 5,420 5,475 5,251	5,113 5,011 5,064 4,799	5,370 5,445 5,351 5,398 5,316 5,069

The number of males among every 10,000 of both sexes is shown in the margin. The decrease at each successive enumeration is almost certainly due to greater accuracy of enumeration. In the Census of 1881,

the number of females per 1,000 males in the earlier years of life was

Year of life.	All religions.	Hindns.	Musalmáns.
0-1 1-2 2-3 3-4 4-5	941 977 914 995 892	934 971 913	984 1,003 914

found to be as shown in the margin. The figures for civil condition are given in Table No. X, which shows the actual number of single, married, and widowed for each sex in each religion, and also the distribution by civil condition of the

total number of each sex in each age-period. Considering the obligation laid upon them by their religion to marry, an extraordinarily large number of Játs remain bachelors. It is common enough to find instances in every pedigree-table when the eldest only of a number of brothers is married, or perhaps only one or two; and though the people do not admit it, it is probable that in such cases a modified system of polyandry prevails. The Deputy Commissioner, Colonel Harcourt, wrote as follows in his Census Report for the district:—

"With the Jats and the higher castes, the girls are married from 7 to 12 years of age, and the boys at 12 or 14, and these ages apply also in the case of Muhammadan marriages. These take place two or three years later than Hindu marriages as a rule. The endeavour is always made to secure an early marriage; for after the boy or girl has passed the prescribed period sanctioned by custom, there is then some difficulty in arranging for a life partner. And with the Jats the girl is not allowed to leave her parents' home for some years after she could quite well undertake the charge of her husband's house, as her services are required in the paternal homestead. With Hindus of the better castes in this district, betrothal takes place at two or three years of age.

"Infanticide is by no means a vice of this district. The great majority of males over females might lead one to suspect that female children do not always get fair play, but my own belief is that it is the statistics that are wrong, and that the total number of the females may not always have been fairly counted. In this district as a rule all children are valuable, for all work in the fields. It is true that female children are not so well cared for and nourished as are the boys, and that if a boy and his sister were ill, nearly all the attention in the house would be

^{*} Norm.—This applies to Jats and others, but not to Rajputs.

given to the boy; but the girls are not unkindly treated. They stand next in Chapter III, B. importance to, and at no great distance from, the boys, and if the same amount of affection is not lavished on them as on their brothers, they yet are not neglected Social and religior treated unkindly,"

ous life. Infirmities.

Infirmity.	Males.	Females
Insane	 4	3
Blind	52	66
Deaf and Dumb	10	7
Leprous	4	1

Table No. XII shows the number of insane, blind, deaf-mutes and lepers in the district in each religion. The proportions per 10,000 of either sex for each of these infirmities are shown in the margin. Tables XIV to XVII of the Census Report for

1881 give further details of the age and religion of the infirm.

European and Eu-

The figures given below show the composition of the Christian population, and the respective numbers who returned their birth- rasian population. place and their language as European. They are taken from Tables IIIA, IX and XI of the Census Report for 1881:-

	DETAILS		Males.	Females.	Persons.
tace of Chris- tian popula- tion.	Europeans and Americans Eurasians Native Christians Total Christians	 ::: 	11 ₈	5 1 9	16 1 17 34
Language.	English Other Enropean languages Total European languages	 	15 		²¹
Birthplace.	British Isles Other European countries Total European countries	 	3 1 4	1 1	1 6

But the figures for the races of Christians, which are discussed in Part VII of Chapter IV of the Census Report, are very untrustworthy; and it is certain that many who were really Eurasians returned themselves as Europeans.

SECTION B.—SOCIAL AND RELIGIOUS LIFE.

The villages and towns form a striking feature of the country side. Built usually on sites which stand high above the surface of the ground (which is due to their being situated on the stations of older locations and heaps of accumulated rubbish), and surrounded by the trees of the village jungles, over which the tops of the houses rise, they look at once substantial and picturesque. Many of the canal villages consist almost entirely of brick built houses, some of which are generally fine, and the towns are composed of substantially made and handsome dwellings. Fine village rest-houses (called paras) built of masonry, and many picturesque temples and ghâts down to the tanks, are to be found among the well-to-do villages, especially in the canal tracts. The tanks (called johars) form a special feature of the district; round the larger villages as many as seven or eight will be found, and some are exceedingly fine, especially

Villages,

ous Life.

Villages.

Chapter III, B. that east of the Sámpla tahsíl, and those at Kánhaur, Semán, Social and Religi- Bainsí and Díghal; many were enlarged and shaped regularly as famine works in 1860-61 and 1868-69. Throughout the northern threequarters of the district, the roofs of the houses in the villages are of mud, and flat; below the Jhajjar line of sand-hills, they are usually thatched and sloping. The lighter material of which they are made here renders it impossible for the walls to bear the weight of beams. and for flat roofs to keep out the rain. Even exposed walls receive a coping of thatch (parchi), and as Mr. Purser has remarked, the prevalance of this in a village is often a fair test of the quality of its soil. In Koslí and Gúriání, in the sonth-east of Jhajjar, may be seen a large number of fine stone houses, some of which possess considerable architectural merit; and a few of similar material exist in some of the adjoining villages. The houses of petty traders differ but little from those of the cultivators, except that they have no large yards for stabling cattle attached to them; but wherever fine houses are found in large villages, some of the best are certain to belong to the trading class. Local tradition tells of three or four old sites within the area of almost every state, but many of these have disappeared under the plough.) Nearly every conqueror who invaded India from the north or attacked the Mughal royal city from the sonth, extended his ravages in all probability to Rohtak; and it is not surprising, therefore, if the vestiges of many destroyed villages are to be found. The old sites of Lálpúrá, Birahmá and Rohtásgarh, round the town of Rohtak; of Khokrá Kot below the Bohar monastery; and of Mohan Bárí in the Jhajjar tahsíl, cover very large areas, and must once have been the locations of large and flourishing cities, although no history of some of them is now satisfactorily forthcoming.

Old sites.

Village and home life.

The villages of the Jhajjar tahsil, which have thatched and sloping roofs to the houses, are not unlike river-side villages in the Punjab but they are more regularly built, and the immense open cattle yards of the latter are not found in them. The villages elsewhere throughout the district are of one special type, which deserves a full description. On approaching them it is seen that the roads where they converge on the village or village jungle, are flanked by banks and thorns, in order to prevent the cattle, on their way to, grazing, from breaking into the fields. The jungle itself generally encloses the village on every side, but sometimes it is confined to one or two sides only, and elsewhere the fields come up to the village walls almost. Scattered round about are the tanks (johars) for the cattle, and into which the rain-water, canght by the jungle lands, drains; some fine trees will be found on the banks here, one or two wells often handsomely finished with masonry platforms and superstructure, and perhaps a masonry ghát. Close round the skirts of the village are placed the enclosures for fodder and fuel (gatware and bitore), strongly fenced with thorns, resounding in the morning with the noise of the chopping of fodder, and at times full of women arranging the cakes of dried fuel, or preparing to carry them off in baskets to the houses. A ditch nearly always surrounds the village itself, and the onter walls of the dwellings are completely closed towards it, except round some open space, into which the doors of the houses open, and where the streets debouch. The roads

leading into the village are generally broad enough to admit a cart up them; they often end in a blind alley, each sub-division of the village being cut off internally from the rest. The doorways Social and Religiopening on to the streets are usually handsomely made of wood. Inside is the courtyard in which the cattle are stabled, and beyond this the room where the household live; in many cases the door opens into this room itself. Through the gloom of the smoke, due to the meal which is cooking, it may be seen that substantial wooden pillars support the roof, and that throughout the room brass dishes and pots, spinning wheels, haskets, receptacles of grain, etc., are scattered about in comfortable confusion, while the subdued murmur of the grinding of the corn-mill is heard from some hidden A ladder connects the roof with the ground through a trapdoor; on the top of the house folder is stored, cotton and grain are placed to dry, and there the family sleep in the hot weather. village rest-house (paras) will be found situated outside the walls or in the middle where several roads meet. Before it, on the platform, are beds and cooking pots for the use of travellers on whom the barbers and chamár, whose turn it is, wait. In the poorest villages the rest-house is merely a large open shed. But in most it is handsomely faced with wood-work, and part of the walls are brick built; while in many the rest-houses are made of masonry throughout. and the plastered walls are decorated on their exterior with pictures of tigers and horses, elephants, and railway trains, Hindn gods and British soldiers. The house of the carpenter will be discovered by the wood collected round it, and that of the blacksmith by the little furnace below the trees in front of it; the oil-man may have a buffalo at work on the mill; the dyer's dwelling is recognisable by the skeins of bright-coloured threads hung out to dry; and the pony of the barber will announce where that official lives. The trader will be found cleaning cotton outside his shop, whose wall is adorned with texts and the blood-red hand (ominous emblem!) called thápá; or squatted inside amid grain bags, oil jars, and multifarious ledgers. Outside the village walls, and often in a separate colony beyond the village ditch, the honses of the menials will be seen; those of the chamárs with high-smelling tanning vats, and skins full of curing matter hanging from the trees, and those of the dhánaks with the webs stretched in front of them, and the women and men going up and down, and twisting the threads or brushing them into regularity. The potter's house, in villages where he exists, will also be found outside the walls, surrounded by broken potsherds and asses. Pigs and chickens rush wildly about at the sight of the stranger and his horse, and dogs set up a hideous clamour on every side. Riding through the village you are probably looked down on by monkeys from the roof-tops; long lines of women and girls will be seen carrying up water in brass or earthenware vessels from the tanks; an odd cart or burthened man will come up with a load of fodder; cattle stand round about the tanks and in the open spaces before the streets; and children, clad principally in sunshine, roll in the dust and play hockey (génd khúlí), tip-cat (bitti dandá), or blind man's buff (ánkh michkar). In the morning and evening, as men go forth to

Chapter III, B. ons Life. Village and home

Chapter III, B.
Social and Religious Life.

Household fur-

niture,

their work and return again, the scene is very animated; but at noon-day the village seems almost deserted, except for the smoke of the fires on which the evening meals are simmering.

There will be found in every house a bed for each grown up person, a corn-mill (chakki), the huge pestle and mortar of wood (úkhal and músal), a spinning wheel (charkhá), and a cotton cleaning machine (charkhi); along the walls are arranged large receptacles for grain, made of mud and called kóthi. A number of cooking vessels (which are of brass if in a Hindn's house, and of tin if in a Musalman's) are scattered about the room, the commonest of which are trays called thálí, parát, támbiyá and tásh, cooking pots (bhartiya and patili), the handi for preparing rabri and the kadháoní for boiling milk: there will also be seen lotáhs, and cups (katorah), and the iron plate for cooking cakes (túwa) will be on the hearth (chula). Milk is made into cards in the barola, and into ghi in the balona, or churn. Buskets are called khari. water, which is brought up in brass large vessels, ealled tokní, is kept in the house in others named mutká; some is ponred into the kúnd, or large earthenware bowls, in the yard for the cattle to drink from.

Dress.

The dress of the people is simple, and is much the same in all classes. The men wear a dhótí and chadar (sheet), and above this a dóhar or double-sheet, a turban (pagri) and shoes (pátan): in the winter they put on a vest (kamri), and make themselves warm with a blanket and padded quilt (dólará and razái). The better class of headmen have lately taken to wearing the long white linen tunic, but only during the last ten years. The value of a man's dress is about Rs. 9; the cost to him is much less of course, as the women make the thread, which is then woven by the jullahas or dhankas at the rate of Re. 1-4-0 per 65 yards, and dyed (if for the use of the women) by the chipi. The chamár supplies the shoes. The women wear a petticoat (lahngá or ghágrí), a breast-cloth (angiva), and a single and double sheet (chundri and dúlái). The órhná is a worked coloured sheet worn on festal occasions, when Enropean clothes are also displayed. The cost of a woman's clothes is much the same as a man's. The Musalman women usually wear the paijamas and a short jacket, and prefer a dark blue to any other colour. A married woman whose husband is alive (sohágan), generally possesses jewellery to the value of some 60 or 70 rupees. The commoner articles are the nose ring (nath), earrings (dánde and báli), necklace (haslá), necklaces formed of several rows (pachlará and sathlará), and necklaces of rnpees (jhálrá), which are very commonly worn by women and children. The boys of well-to-do fathers generally have a rupee or some other coin strung round their necks; silver ornaments on the arm are called báznband, bracelets on the wrist, worn above the churiyon of lac and glass, are called tád and pachélí: heavy anklets of silver (pázeb) are also worn. The men put on gold earrings and necklaces of gold beads at festivals and marriages: and the wealth of an estate may be fairly gauged by the amount of jewellery seen on the persons of the women and children.

Food.

The food of the people is simple and of little variety. Two or three meals a day are eaten, according to the season of the year and the amount of work to be done, and sometimes four. The morning

meal consists of three or four cakes made of flour of wheat, barley and gram or jowár, according to the time of the year, and the even- Social and Reliing meal of rábri (gram or jowár allowed to ferment in butter-milk, and then cooked), or of khijri (khichri) of bajra or ming in the winter. Vegetable (sag) and pulses are eaten with the cakes, and in its season a good deal of sugarcane is munched; this is the only rich food which the people enjoy in any quantity, and it is for them rather a necessity than a luxury. Large quantities of milk and butter-milk are consumed daily, and salt and seasoning are freely used; melons and root vegetables are not commonly grown or eaten. The morning or mid-day meal is usually taken in the fields, whither it is carried by the women to their husbands and brothers. A grown man does not eat less than a seer a day, or nine mannds the year, and if a woman's consumption is put at 63 manuels and children's at 4, a total amount of 3,584,340 manuels is needed to feed the population of the district for a year. The following estimate of the annual consumption of a family consisting of a man, woman, old person, and two children, was furnished for the Famine Report of 1879 (page 214):-

					Seres co	NSUMED BY
		Grain.		-	Agriculturists.	Non-agriculturists.
Barley and Jowar and Wheat Gram Ming and Rice	i båjra	***			800 650 71	800 200 200 80 40
			Total		1,551	1,120

The Jats and Ahirs are very much addicted to the use of tobacco, and the Chamárs are perfect slaves to smoking: women do not tonel the pipe.

From the day that he is old enough to control unruly cattle, and is considered worthy of some scanty clothes and a pair of shoes, the life of the Rohtak agriculturist is one monotonous round of never-ceasing work. The fields must be ploughed and prepared at least three or four times every harvest; the crop has to be sown, weeded, and protected from numerous enemies, winged and four-footed, a long and most wearisome task; it has to be cut, to be threshed, and the grain and fodder have to be carried to the village. Then the ground has to be cleared again of the thorn and pálá bushes; the leaves of the latter have to be beaten out for fodder for the cattle, and the thorns have to be carried to the fences or enclosures, and then it is time for the land to be got ready for the next crop. The cattle must be seen to and tended daily; money must be earned by taking off the young stock to sell at the fairs, or by carrying grain for the traders to the distant markets; in the well villages the wells have to be worked; and in the canal villages the water has to be watched and divided and laid on the fields. The sugarcane crop with the peeling, carting and crushing of the cases forms a three-weeks

Chapter III, B. gious Life. Food.

The daily task.

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Social and Religious Life.
The daily task.

task, and at intervals it may be necessary to drive the cattle off to the hills in order to save them in a year of drought. To the very last days of his life the Jat must do something: few, perhaps, live to a very old age, but those who do must turn to the tasks of childhood again,—herd the cattle, rock the babies, and even turn the spinning-wheel. The women work as hard as the men, if not harder. The heavy tasks of bringing in wood and fuel and water fall on them; they have to cook the food, and carry it daily to the fields; they have to watch the crops; to them the peeling of the sugarcane and picking of the cotton belongs; and when there is nothing else to do, they must always fill up the time by tasks with the spinning-wheel. If Jats do not sleep soundly of nights, it is not for want of hard physical labour.

Divisions of time, etc.

The names of the mouths in common use among the people are the same as those prevailing in the rest of the south of the Panjab. Bhádon is called Bhádhá, and Kártik has the second name of Kanuár. The days of the week are also similar to those elsewhere, but Thursday is called Bírwár as well as Brihispat, and Friday is named Sukarvár. The spring harvest is sádhú, and the antumn harvest sáwanún. The year is divided into three seasons—the garmi or hot weather from Phagan to Bysákh (March—June); the chaumásá, or the rainy months, from Asár to Asoj (July—October); and járah, or the cold months, from Kártik to Mágh (November—September). The divisions of the times of the day are as follow:—

Adhi Dhalé,—12 P. M.—2 A. M. Parar,—aftet 2 A. M. Pila Badal or Parbhat,—dawn Abar,—after dawn. Tarká,—5—7 A. M. Kaliwár.—8 A. M. Do Pahré,—iwelve o'clock.

Dindhald.—2 P. M. Tisrá pahar.—4 P. M. Sing or handevár.—4—6 P. M. Gindhalak.—after sunset. Dináhalá or Retigon ká makt.— Evening meal time. Adhi rát.—midnight.

Marriage and other customs.

The ceremonies connected with marriage in the Rohtak district are much the same as elsewhere, and do not call for any lengthy notice. There is no limit to the number of wives which a Hindu may marry, either by the full or, among the tribes which practise it, the irregular form (shadi and karewa), and three or four wives are not uncommon: usually one only is byahta or married by the full rights, but all the wives and their children are equal. The Musalmans observe the limit fixed by their law; Rajputs and Ranghars keep concubines, but not commonly. the case of Hindus, there are some 25 distinct steps in the ceremonial, the most important of which are (1) the betrothal (sagái, ropna or nátha karná); (2) the barát, or bridal procession, which goes to the house of the father of the girl when she is 9 or 10 years old; (3) the shadi, or marriage ceremony, which takes place on the second night after, and when the bride and bridegroom walk hand in hand four times round a fire of dhak wood; and (4) the consummation (gondh or muklára) which takes place when the bridegroom carries his wife off to his house. Among respectable and fairly well-to-do persons this occurs 3 or 4 years after the marriage ceremony. But in most cases among the Jats the services of the girl at her home are so valuable to her family that she is

detained by her father as long as 8 or 10 years, and does not join her husband till she is 18 or 20 years old. Among the Musalmans marriage takes place when the girl is 15 or 16, and she goes at once to her husband's home; many of the ceremonics among the the converted Muhammadans are the same as those among the Hindus, and a Bráhman is always present; the mkah is read by a lázi. A girl's marriage costs from Rs. 100 to Rs. 150 to her father, and a hoy's from Rs. 70 to Rs. 100 to his father; so that the average expenditure from both sides on a wedding is Rs. 170 to Rs. 250. These expenses are much too high, and the people would gladly see them reduced, but no one dares to begin the reform. It was formerly considered a dire disgrace for the father of the girl to take money for her; but this custom is beginning to prevail among the poorer Jats and others who have little self-respect, and it is said that the necessities of recent famines have given a great impulse to it. Karerá, or widow marriage, is accompanied by no ceremonies of any kind; the woman merely resumes her jewels and colonred clothes which she ceased to wear on her husband's death. Properly it can only take place with a brother's or consin's widow; but this connection is commonly formed under many other circumstances as well, and no difference is held to exist as regards the off-pring. The main reason for the connection inside the family is to transfer the control of her deceased's husband's land from the widow to his brother or other new relation. Where children have been born to the deceased linsband, karena will not usually take place, unless they and their mother are very young. A widow cannot be compelled to marry, but no doubt the influence of the family is usually too strong for her on such a point, and she has to yield to their wishes; if the younger brother or any younger brother, or the next heir at law is unmarried, or has no children, a known marriage with the widow is more likely to take place than if he has children, or is married. Korcici, under these conditions, may be called marriage with reference to reasons affecting the woman; but such unions often take place from causes which have regard to the man only. If the first wife is childless or old, or if a man is well-to-do, an irregular marriage is pretty sure to take place, and often against the rules of clan inter-marriage. These are that a man shall not marry a woman of his own clan, or of his mother's or of her mother's, or of his father's mother's; but the third restriction seems likely to be abolished by practice. The same restrictions apply of course to the marriage of women, so that the invariable form is exogamous, not endogamous. Jats, Abirs, Gujars, Est stordan marand Chamars practise karevá marriage universally. The fact of non-intermarriage of certain clans of Jata is noted at page . Besides the instances there given, the following may be quoted, but the list is certainly not exhaustive. The Mundiána and Abulána Jats do not intermarry by reason of old fends; the Gohá Játs do not marry with the Dagar or Salanki, for white they were Brahmans, the latter were their clients Oppoin s, and when they lost their caste, the former only of all Lits would at first give them of their daughters in marriage; the Deswar do not marry with the Chandbran or Phoghat, nor the Ilúlah with the Dabas, nor the Gailat with the Sa-

Chapter III, B. Social and Religious Life

to lother c -1 ms

Willow marriage.

Ildg. s

Chapter III. B. Social and Religious Life. Funeral feasts.

Family custom. Inheritance.

laklán, nor the Chílar with the Chikára, nor the Malik with the Daláls of the Sampla tahsil, though they will marry with other Dalals. Funeral feasts (kaj) which take place in the families of leading men are exceedingly expensive; they often cost as much as a thousand rupees, and half the country side is assembled at them.

A careful record of the tribal and family custom which regulates the devolution of property was drawn up at the recent Settlement. Little need be said as to the general character of customs in this place. The family tie is the agnatic tie, and inheritance is purely according to agnatic descent, the interest of a widow being for life only, and her status as a virtual member of her lusband's clan not affecting the general principle. Complete representation in inheritance is admitted: property, therefore, cannot leave the clan or got, and the woman becomes lost to her father's family and a member of that of her husband; and in the enormous majority of cases descent is per capita not per stirpes. Gifts of property can take place, but possession must in all cases follow the gift, and the consent of the nearest male agnates is generally obtained. Widows hold four per cent, of the cultivation of the district as their husband's representatives; while daughters' descendants hold as much more, in pursuance of the well recognised custom by which a souless man can give land to his daughter's children.

General statistics and distribution of religions.

Religion.	Rural population	Urban populatiou	Total population
Hindu Sikh Jain M u*almán Christian	8,883 1 67 1,048	6,582 10 196 3,209	9,470 3 90 1,436

Sect.	Rnral populatiou.	Total population.
Sunnis	995	997
Shishs	1·#	1 2
Others and unspecified	3·3	2·0

Table No. VII shows the numbers in each tabsil and in the whole district who follow each religion as ascertained in the Census of 1881, and Table No. XLIII gives similar figures for towns. Tables III, IIIA, IIIB of the Report of that Census give further details on the subject. The distribution of every 10,000 of the population by religious is shown in the margin. The limitations subject to which these figures must be taken, and especially the rule followed in the classification of Hindus, are fully discussed in Part I, Chapter IV

of the Census Report. The distribution of every 1,000 of the Musalman population by sect is shown in the margin. The sects of the Christian population are given in Table IIIA of the Census Report; but the figures are, for reasons explained in Part VII, Chapter IV of the Report, so very inperfect that it is not worth while to reproduce them here.

Table No. IX shows the religion of the major castes and tribes of the district, and therefore the distribution by caste of the great majority of the followers of each religion. A brief description of the great religions of the Panjáb and of their principal sects will be found in Chapter IV of the Census Report. The religious practice and belief of the district present no. special peculiarities; and it would be out of place to enter here into any disquisition on the general question. The general distribution of religions by talisits

can be gathered from the figures of Table No. VII; and regarding the population as a whole, no more detailed information as to locality is available.

Hindu and Musalmán agriculturists of Rohtak are alike exceedingly indifferent observers of their religious; the Jats will drink water brought up in a skin from the tank or well; the Baniyas are stricter, especially the Saraogis. Every Hindu has his parchit, to whom he is client or jijman, and who accompanies the barber when bound on the business of betrothal, and the women of the household, if they are obliged to journey any where. The parchit receives certain acknowledged fees, and often obtains a gift of land out-andout, or in dholi—that is, the owner cultivates the plot for him yearly, and makes over to him the crop: the parchits of the district hold 4,063 acres in this way; the gift is commonly made on some occasion when the donor goes to the Gauges to bathe. The ashes of deceased Hindus are always sent to be thrown into the sacred stream. and a large amount of holy water is brought back by the bearers to the district. The guru is an entirely distinct person from the parchit; he is not an hereditary guide, but is appointed by each Hindn for himself, and teaches his scholar the necessary religious ceremonies. A peculiar feature of the country side is the large number of religious institutions which are found on it. There are no less than 299 monasteries, called asthals, with 659 resident ascetics, and grants of land amounting to 2,725 acres attached to them. Byrágís form half the number; after them, Kanphara Sadhs, Sadhs, Gósayins, and Udási Sádhs are the most numerous. Many of the holy men bear an exceedingly unholy character, especially the Kanphara Sadhs of Bohar; and the claims of any establishment to learning and sanctity are very small, except that of Chhudani in Jhajjar. The Bohar institution consists of a fine block of buildings situated four miles east of Rohtak town on the high road to Delhi, and has a more than local reputation; but its immates are of evil character, and the yearly fair which takes place there is of a decidedly disreputable nature. There are not many local gatherings in the Rohtak district, but such fairs as there are, are of a religious origin, except the great cattle fair at Jehazgurh, which will be mentioued in the next section. Gatherings in honour of Mahádeo are held at Kailoí in Rohtak and Birdhánah in Jhajjar; in honour of Sítlá at Rohtak, Bidhlán, Jhajjar and Rindháná; and in honour of the Gúgá Pír at Rohtak and Sílánah (Jhajjar). Small local fairs take place at Berí and Kóslí, and one is held weekly at Bairampur in the name of the Gheibi Pir, whose shrine is perched on the top of the rocky hill there. There are also two in remembrance of Muhammadan martyrs at Gohána. Most of these gatherings take place in March, April, and in August. Those held in honour of the Gúgá Pír are of a special character, and are largely frequented by the menials. They are called "Chhariyon ká mélá, because of the red flag which is carried about and adored, and to which offerings are made. The story of the Guga Pir is that he was a Rájpút of Dadrerá in Bikánír, who slew his brothers or consins in a quarrel with them concerning some land, and was cursed by his mother in consequence. Wandering forth into the solitude of the desert, he called upon the earth to open and swallow him up, when

Chapter II, B.
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Fairs.

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Chapter III, B. a heavenly voice replied that this could only happen if he became a Musalmán. Accordingly he embraced Islám, and was then received into the bosom of the earth. He was a very favourite saint of the Mahrattas, and the efficacy of prayers to him in cases of snake bite is much believed in.

The following list is given of the most	considerable	g	atherin	gs:—
At Beri, Debi ká Melá, in April and September	•••	•••	8.000	persons.
At Bohar, Bussáda ká Melá, in March	•••		5,000	do.
At Kailoi Shibji ká Melá, in March and July	•••		8,000	do.
At Rohtak, Sitlá ká Melá. on the four Wednesdays	in March		2,000	do.
Do. Gúgá Per ká Melá, in August	•••		1,500	do.
Do. Pir Bhaud-din, in September	•••		2.000	do.
Do Rám Lila ká melá, in October	•••	•••	25,000	do.
Do. Moharram, No fixed date or month			4,000	do.
At Gohana, Sultan Shah Farak Hussain, in Janua	ary	•••	1,000	do.
At Asaudah, Todah Bábû ká Melá. in August	•••	•••	3,000	do.
At Bidhlán, Sitlá ká Mela. in March	•••		3,000	do.
At Jhajjar, Gugá Pir ká Melá, in August	•••	•••	2,000	do.
Do. Moharram	***	•••	2,700	do.
At Silanah Guga Pir ká Mela, in September	***		8,000	do.

Superstitions.

The people are not very superstitions as a rule, and it is not easy to say how far they really believe what they profess to, except when it suits their convenience. Certain lucky and unlucky days and omens are noted for the commencement of sowing and reaping: no one must start for a journey or sell cattle ou Wednesday, and buffaloes must not change hands on Saturday. When a human being is ill, a rupee and four annas are wrapped in a cloth with some rice and placed in a corner of the room in the name of some deceased relation of the sick man; on his recovery, this is given to some Brahmin, and on the same day the dogs and holy men of the village are fed, and perhaps some excavation is done on a tank. When disease attacks animals, the best course is believed to have charms read over them, and to suspend other charms across the entrance of the village. The people often call their sous by mean names, such as molar (bought), mangtu (borrowed), and the like, to deprecate the wrath and envy of the gods. Ghosts are feared at the burning grounds (chaháni), though not elsewhere apparently; but they are firmly believed to possess people sometimes, and the ravings of these sufferers are carefully noted. The cure for the affliction is said to be the application of red pepper!

Language.

La	nguage.		Proportion per 10,000 of po- pulation
Hindustáni			9,976
Hagri	•••	***	14
Punjábi	•••	•••	10
All Indian las	ODSGES		10 000

Table No. VIII shows the numbers who speak each of the principal languages current in the district separately for each tahsil, and for the whole district. More detailed information will be found in Table IX of the Ceusus Report

for 1881, while in Chapter V of the same Report the several languages are briefly discussed. The figures in the margin give the distribution of every 10,000 of the population by lauguage, omitting small figures.

Education.

In a purely agricultural district the state of education would be expected to be backward, and such is the case in Rohtak. In all there are 43 schools, of which 35 are village institutions, and two temale, but there is no real female education. English is taught at Rohtak and Jhajjar, and the first Jat who thoroughly mastered English,-Jumua Das of Boliar-was made a District Inspector of

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gious Life.

Education.

The average number of scholars is about 2,700; for the size of the villages and density of the population, the district is perhaps the least advanced of any in the Panjáb. Our system is possibly not snited to an agricultural people; if a little simple reading were taught with cyphering in the native method, and a knowledge of accounts and the patwaris' papers, they would be more ready to send their children to acquire some "scholaring." The Brahmins of Ahmadpur Majra have some local reputation as well-educated pandits. The people collect eagerly to hear passages of the Ramayana or Mahábhárata declaimed at the village rest-house, and reward the reciter for his performance liberally; the women also gather on these occasions, sitting by themselves in a separate corner. A number of songs are well-known to the people, and none better than that of "Sarwan." This young lady lived in Gangana in the Gohána tahsíl, which is commonly called Sarwan ka Gangana after her: the song is a common one of the dancing-girls of North India. The people are very far from wanting in natural intelligence and shrewdness; and nearly any cultivator can draw a map of his fields in the dust, if he is encouraged a little in a kindly way.

	Education,	Rural population.	Total popu-
Males.	0	80 389	97 468
Females.	43.	02	1·3 2·7

Table No. XIII gives statistics of education as ascertained at the Census of 1881 for each religion, and for the total population of each tahsil. The figures for female education are probably very indeed. imperfect figures in the margin show the number educated among

every 10,000 of each sex according to the Census returns. Statistics regarding the attendance at Government and aided schools will be found in Table No. XXXVII.

Details,	Boys	Girls.
Europeans and Eurasians Native Christians Hindus Missimáns Sikha Others	 2,154 622 1	20
Children of agriculturists , of non-agriculturists	1,217 1,014	4 16

The distribution of the scholars at these schools by religion and the occupations of their fathers. as it stood in 1881-82, is shown in the margin. It is impossible Poverty or wealth of to form any satisfactory estimate of the wealth of the commercial and industrial classes. The figures in the margin show the working of the income tax for the only

statistics for the license tax for each year since its imposition. The distribution of licenses granted and fees collected in 1880-81 and 1881-82 between towns of over and villages of under 5,000 souls, is shown in the margin. But the numbers affected by these taxes are small. It may be said generthe people.

three years for which details are available; and Table No. XXXIV gives

Assessment		1869-70	1870-71	1871-72
Class I Class II	Number taxed Amount of tax Number taxed	8 ·3 8,264 189	775 15,113 179	659 5,4%5 211
Class III	Amount of tax Number taxed Amount of tax	3,944 33 1,655	4,833 86 3,354	2,751 74 2,204
Class IV Class V	Number taxed Amount of tax Number taxed Amount of tax	11 105	36 1,944 36	1 128
Total	Number taxed Amount of tax	1,056	3,563 1,113 23,307	945 10 569

Chapter III, C.

Castes, Tribes, and Leading Families.

Property or wealth of the people.

	1	1880-91		1881-22	
		Towns.	Villages.	Towns.	Villages.
Number of liceuses Amount of fees		262 6,320	630 10,540	300 7,210	644 10,040

ally that a very large proportion of the artisans in the towns are extremely poor, while their fellows in the villages are scarcely less dependent upon the nature

of the harvest than are the agriculturists themselves, their fees often taking the form of a fixed share of the produce; while even where this is not the case, the demand for their products necessarily varies with the prosperity of their customers. Perhaps the leather-workers should be excepted, as they derive considerable gains from the hides of the cattle which die in a year of drought. The circumstances of the agricultural classes are discussed below at page 83.

General character of the people.

Mr. Thomason well described the Rohtak district when, in his remarks on the Settlements of the Delhi territory, he wrote as follows (Vol. I of Despatches, p. 79): "The soil is generally fertile, "especially if by any means it can be irrigated, whilst the villages "are substantial and well built, and the inhabitants as fine a body of "well-clothed, independent, manly peasants as any country can pro-"duce." The people are manly without false pride, independent without insolence, good-natured, light-hearted, and industrious. There are no more loyal subjects of Her Majesty in India, and none who are more attached to such of their rulers as mingle freely among them. No one could be associated with them for any time without conceiving both respect and liking for them. The revenue which they pay with a small irrigated area and scanty rainfall, and in spite of famines and droughts, marks them as the first people in the Panjáb.

Tables Nos. XL, XLI, and XLII give statistics of crime; while Table No. XXXV shows the consumption of liquors and narcotic stimulants.

SECTION C.—CASTES, TRIBES, AND LEADING FAMILIES.

Statistics and lotribes and castes.

Table No. IX gives the figures for the principal castes and cal distribution of tribes of the district, with details of sex and religion, while Table No. IXA shows the number of the less important castes. would be out of place to attempt a description of each. Many of them are found all over the Panjáb, and most of them in many other districts, and their representatives in Rohtak are distinguished by no local peculiarities. Some of the leading tribes, and especially those who are important as land owners, or, by position and influence, are briefly noticed in the following sections; and each caste will be found described in Chapter VI of the Census Report for 1881.

> The Census statistics of caste were not compiled for tahsils, at least in their final form. It was found that an enormous number of mere clans or sub-divisions had been returned as castes in the schedules, and the classification of these figures under the main heads shown in the caste tables was made for districts only. Thus no

statistics showing the local distribution of the tribes and castes are available. But the general distribution, of the more important landowning tribes is fully discussed in the following pages, which contain, first, an account of the tribal colonisation of the district (pages 58 to 64), and secondly an account of each of the principal castes (pages 65 to 70). The figures below show the distribution by caste of the population, as ascertained at an enumeration made during the recent Settlement, the classification of which is probably more accurate than anything that could be effected in a general Census of the whole province.

the whole province. RNUMERATION ARRA. CLASS AND NAME. Numbers Percentage Percentage Acres. I .- Cultivators. Játs-Hindú ... Játs-Musaimán-Múla 192,833 645,293 35 67 ••• 2,466 78,294 25,747 1,112 ... ••• 8 Brahmina 60,067 11 ... ••• ••• ••• Ahirs .. Rájpúts—Hindů ... 15.813 3 3 ---••• 54.641 6,072 A ••• Rajputs - Musalman 20,563 77,012 Afgháns Málís 5,208 22,178 ... •• ••• 7,652 2,248 2,231 4 357 ••• Biluchs ••• ... ••• ,.. Gújars-Hindá ... Gujars-Musalmán 2,912 1.163 ••• ••• 1.989 1 925 z 794 Dogara 246 ... ••• ... Rors 396 1.281 ••• Shekhs 6,965 1 6,091 ••• Total 322,626 58 924,215 ១ខ II .- Traders and Professionals. 42,627 Mahajana 8 17,006 2 ••• ,.. Kassabs-Butchers 6,792 1 803 ••• 3.011 Kaivaths-Writers ••• 4,618 Synds... ... •••• Total 51,409 9 25,438 3 ... III .- Village Servants. Dhobi-Washermau 36 2,767 .., .., Khati - Carpeuter -Hındü 3,163 10,700 2 Mussalman .. ••• Lohár - Blacksmith -Hindů 5,232 738 2 ... • • • Mussalmán ... 1,563 Kumbár-Potter-Hindů 10,108 2 99 Mussalman ... Sakhá—Waterman Telí—Oilman 1,465 ... •••15 3,733 2 659 5.798 ••• *** ••• Hajjám – Barber – Hındû 926 10,012 2 Hındû ... Musaslman ••• •• Chipi -Dyer -447 4,243 Hindú 1 ••• ••• Musalman₂₄ 249 ••• ••• Nilgar-Dyer 2.062 Total 58.478 11 6.126 IV - Village menials. Chamar-Tanners **2**30 48.621 ... ••• ••• Dhánuk-Weavers 16,921 17,706 3 988 3 ••• húbrá-8weepers 3 Kahár-Coolie ... 136 369 Total 16 87,236 ••• V .- Religious Classes. Jógís ... 357 3,451 Mussalmán Fakíra ••• ... ••••• Byragis 1,664 5,663 ••• -----2 2,102 Total 13,145 .., VI .- Miscellaneous. 4 3,907 20,433 962,157 Grand Total 553,317

Chapter III, C.
Castes, Tribes,
and Leading
Families.

Statistics and local distribution of tribes and castes.

Chapter III, C. Castes, Tribes, and Leading Families.

Tribal Settlement.

N.B.—The area given in this return is that parcelled out among the various owners. To this total we must add 182,656 acres of undivided common land of the villages, 5,637 acres on account of the area of the Government reserves, and 3,097 acres on account of other miscellaneous lands owned by Government, which make up a total of 1,153,547 acres. The discrepancies between the percentages of numbers and area of any tribe explain themselves, as a rule, and where necessary will be noticed further.

The first fact that meets the annalist in such a district as Rohtak, is the distribution of the races inhabiting the country. The 511 estates owned by the people are classified thus in the tahsils, according to the tribe of the majority of the proprietors:—

Nave	OF TRIBE		Nu	ABER OF VIL	LAGES HELD	1#	Total,
11111	OF IEIDS		Gohána.	Rohtak.	Sámpla	Jhajjar.	Total
Jåt			64	79	115	108	366
A hir			•••	•••	1	25	26
Rájpůt {	Hindů	[7	••	19	26
(M usalmár	٠. ا	7	16		1 1	24
Brahmin	•••	. 1	7 3	6	[6	9	28
Afghán	•••	. 1	3	•••	"ï	13	16
Mahájan	•••		1	1	1		3
Gúj∧r	•••)	•••	5	6
hekh	•••	'		1	"i 3	1	3
Syad	***	1			3		16 3 6 3 3
Biluch	•••	••• [•••	•••	•••	4	4
Kaiyath	***			2		2	4
kór	•••		1			•••)
Dogar	***	•••		1			1
	Tota	ı l	83	114	127	187	511

The Jats consist of 12 chief clans, called gots, and 137 minor ones. They and the Rájpúts form the important part of the population historically. The Brahmin and Gujar villages do not represent any separate immigration; they were usually settled from some adjoining estate. The villages held by the other owners, except some of the Ahir and Afghan estates, are generally of modern origin. The traditions of three-fifths of the existing villages state that they were founded in waste jungle, or on former sites, whose previous lords have been forgotten. Of the remaining two-fifths, by far the largest number were settled on old Rajput sites; old Jat sites follow next; and then, after a long interval, Brahmins, Afgháns, Ránghars, Gújars and Bilnches. A few tribes. which are now no longer represented in the district, held estates once, viz., Taga Brahmins, and Meos; the Rors also formerly held a number of villages. Going back, therefore, beyond the foundation of the present estates, we find the country still held by much the same tribes as at present, with a greater preponderance of Rájpúts then, as would naturally be expected. Of the 511 estates. 223 have received owners from villages outside the limits of the district, and 288 from villages previously founded inside the district. In point of age, the pedigree tables, with approximate accuracy probably, show that twelve villages have existed for 30-35 generations. forty-eight for 25-30, seventy for 20-25, one hundred and twentyeight for 15-20, one hundred and forty for 10-15, while sixty only were founded between five and ten generations ago, and fifty-five within the last five generations; of these last, thirty-three are in the Jhajjar tahsil alone. The pedigree tables are carefully recorded

and preserved by the Bháts in their books (póthis), many of which are of great age: in few parts of the Panjáb, perhaps is good written evidence in matters of descent forthcoming to such an extent as in Rohtak. The above facts go to show that one-fifth of the villages were probably founded when Shaháb-nd-dín took Delhi, and one-fifth only are of as recent a date as the rule of the British in India. Not a few of the estates now flourishing have at some time or another been deserted on the occasion of an invasion or famine; but as soon as the storm was blown over, the people returned to their old homes, as water (to quote the local proverb), always finds its way to low-lying lands.

Chapter III, C.

Castes, Tribes, and Leading Families. Tribal Settlement.

The most noticeable point in the history of the district is the Local distribution grouping of the villages of each tribe, or sub-division of a tribe, of groups of tribes. in one spot. This is due, in most cases, to the surrounding villages having been separated off and founded from a central mother village-a point which will be dwelt on more fully a little farther on. The Hindu Rájpúts are collected chiefly in the south-east of the Jhajjar, and the centre of the Robtak tahsil; the Muhammadan Rájpúts are grouped in a mass sonth-west of the town of Rolitak, and in the centre of Goliána; while the Afgháns round Gúriání and the Ahirs round Koslí, form well-defined clusters of Settlements. But this collocation is far the most marked in the case of the clans of Játs. The Malik clan in Gohána round Ahúlána, Khánpúr, Kalán, and Bhainswál Kalán, and in Sámpla, round Gándhrá; the Húdha from Asan in Sámpla to Sánghí and Khirwálí in Rohtak; the Dahivá round Rólmá; the Dalál round Mándauthí; the Ahláwat round Díghal; the Ráthi round Bahádurgarh in Sampla; the Kádián round Berí in Rohtak; the Goliá round Bádli, and the Jákhar above Sálhawás in Jhajjar-all these are grouped in separate colonies over the district. Even in the case of some of the smaller claus, this special configuration may also be seen, -as with the Chilar and Chikara above Bahadnrgarh, the Nirwal in the south-west corner of Gohána, and the Dhankar in the centre of Jhajjar. So marked is this, that (as will be seen from the table of clans in the following paragraph) the Jákhar, Golía and Kádián clans are confined to a single spot in a single tahsil each; the Dalál, Dahiyá and Ahlawat have only four detached villages among them. Malik are found in two tahsils only, while the Hudah are situated in three tahsils only by a mere administrative accident, their villages in Rohtak and Sampla being conterminous. The Rathi, Dhankar and Sahrawat are the only large clans scattered in three tahsils and of the twelve chief clans one only, the Deswal, owns estates in all four sub-divisions. The Sahráwat and Deswal, it should be remarked, have no groups of villages; except for two small contiguous estates of the Sahráwats in Sámpla, and two in Jhajjar, and of the Deswal similarly in Rolitak and Sampla, the lesser in each case founded from the larger, the villages of these two claus are scattered singly over the district.

The following figures show the principal Ját and Rájpút tribes,

or Clans, as returned at the Census of 1881—

Ját and Rájput tribes.

Chapter	Ш,	C.
Castes, and Le	Trib adin	es,

Families.

Ját and Rájpút
tribes.

Sub-divisions of Játs.

NAME.		NUMBER.	NAME.		Nu	MBER.
Narwál Ahláwat	•••	2.461 6,869	Phoghát Pawániá	•••		2,386 2,163
Bainiwál		1,739	Thokar	•••	•••	4,240
Ch á hal Deswál	•••	1,881 4.099		•••	•••	$\frac{1,110}{1.646}$
Dhankar Deht	•••	4.039 9,740		•••	•••	1,929 4,240
Dalál Dágar	•••	7,883 2,065	Chámar	***	•••	2,002 1,605
Ráthi Sahráwat	•••	6.410		•••	•••	1,265 9,740
Sángwán Khag	•••	4,604	Dálgi	•••	•••	1,578 1,429
Gathwal	•••	2,219	Kádián	•••	•••	5.125
Gil	•••	2.714 2.378	Galat Galya	•••		2.372 4,590
Kawála Khatri	•	16,800 1,951	Latwál Hodar	•••	•••	2,743 8 ,328
Khokhar	***	1,675 Sub-division	s of Rájpúts.			
Panwár	***	11,789	Jatu	•••		2,289
Tùnwár	***	1,644	Chauhán	•••	•••	6,484

The clans of the Jats are distributed as follows by villages:-

NAME OF CLASS.					Cultivated				
				Gohána.	Rohtak.	Såmpla.	Jhajjar.	District.	acres.
Malik			•••	17		5		23	37,154
Golía	•••	•••	•••				19	19	21,061
Råthi		***	•••	2	5	10	1	17	21,119
Jakhar	***	***	•••		•••		17	17	26,402
Dahiya	***	***	•••			15	1	16	23,101
Hudah	***	***	•••	2	10	4		16	28,778
Dalál	***	•••	•••		2	12		14	26,357
Dhankar		•••	•••	١	2	3	9	14	17,433
Abláwat	•••	***	•••	l	1 9 2	10		11	22,040
Kadian	***	***	•••		9			9	18,976
Deswal	***	***	***	1	2	4	1	8	12,336
Sahráwat	++4	***	•••	2		3	3	8	10,227
Miscellane	ous	•••	•••	40	43	49	58	195	380,299
To	TAL	•••	•••	64	79	115	108	366	645,283

Clans of Jats.

To judge from their history, which is borne out by certain minor facts, the Ráthi clan settled in Rohtak earliest of all, and more than 35 generations ago. The next group in point of length of residence is composed of the Ahláwat and Golía. In the intermediate group of claus, whose ancestors came here 25 generations ago, are the Malik, Dahiya, Dalál, Deswál Húdah, Dhankar and Sahráwat. The most recent settlers are the Jákhár and Kádián, who came about 20 generations ago. Few villages belonging to the minor and miscellaneous clans have been settled as long as this; most of these date their origin from about 15 generations back.

Origin of Játs.

The distinction of Pachhade and Deswal Jats is quite unknown in Rohtak, though said to be acknowledged in Hisar: the term pal for clan is also unknown. The Jats may be Aryans as they themselves would maintain, or Turanians, as General Cunningham believes; but if they are the Zaths, they had, in many cases, at least, settled in Rohtak before the destruction of Somnath by

Mahmud the Inconoclast. They themselves claim to be of Rajput origin, and the offspring of irregular Rajput marriages (karewá). except in one case, and maintain that their Rajput ancestors came from Málwá. Bikánír, and Dháránagar, which lay to the east, near the ancient Hastinapura. None of the claus have, or at any rate will admit having, any traditions of their having come from the north-west. The Malik Jats, indeed do profess to have come from Ghar Ghazni, but they maintain stoutly that this was in the Deccan -that delightful geographical generality,-and Sir Henry Elliott would seem to have laid too much stress perhaps on this isolated name in his treatment of the Jats in his Glossary. In spite, however, of their uniform and persistent statements on the subject, it seems impossible, in the light of modern information, to accept their traditions as true. Sir George Campbell has pointed out that it is prima facie contrary to our experience over the whole world that a great race should have sprung from such an origin as that claimed by the Jats. There is not the least doubt that the Jats of the south Panjáb and Rájpútáná are the same people as the Játs of the higher districts of the former Province. And when we find that this people stretches in a fan-like shape from the country lying in front of the Bolan pass to the Salt Range and the river Jhelam on the north, to the mountains and river Jamná in the east, and as far down as the Aravalli hills to the south, (for north Raiputana is "ethnologically much more a Ját than a Rájpút country") it seems impossible to believe otherwise than that the Jats entered India as a people from the west, and were brought up against the settlements of the earlier Rajput colonies, if at least we are to give any weight at all to the fact of the local distribution of the people. It is difficult to avoid believing, with Sir G. Campbell that the Rájpúts and Játs were once congeners of a common stock, that they both entered India by the same route, that the Rajputs formed an early immigration, advancing further, and becoming, therefore, more completely Hinduised -and that the Jats followed long afterwards behind them.*

It is nevertheless desirable to record the legends of the origin and development of the chief clans as told by themselves. In some respects they are borne out by facts such as the non-intermarriage of two clans; and though it is impossible to say with certainty how much that is not real has gathered round actual facts, yet it seems that the histories of their development at least, as told by the people, are worthy of general credence. To commence from the north. The Malik Játs claim to be descended from Siroha Rájpúts, and to have come from Ghar Ghazni in the Deccan. Their real name is Gatwál, but they received the nickname of Malik from one Rái Sál, a Malik or raler of his time. The Maliks of Khánpúr Kalán and the Pánipát tahsíl, still call themselves Siroha Játs. Where Ghar Ghazni was exactly, they are unable to say. Ahúlana, the metropolis,

Origin and deve-

lopment of clans.

Maliks.

Chapter III, C. Castes, Tribes, and Leading

Families.
Origin of Játs.

^{*} Note.—The best authorities to consult on the question of the origin of the Játs, are Sir H. Elliot in his Glossary, General Cunningham, Vol. II. (Reports in 1862-65) of the Archæological Survey of India, and Sir George Campbell in his "Modern India," and a most valuable paper on "The Ethnology of India" in the Asiatic Society's Journal, Part II of 1866. Mr. Sherring's "Hindu Tribes" contains but little information as to the Játs which may not be found in the above authorities.

Chapter III, C.
Castes, Tribes,
and Leading
Families.
Maliks.

Dahiya.

Daláls,

Ahláwat.

Ráthi.

Sahráwat.

was founded 22 generations ago, and from it, and some other villages settled at the same time, the central Maliks have spread. Those on the east border of the tahsil have, as a rule, sprung from estates in Pánipat, where this clan is well represented also; Gándhrá and Dábodah in Sámpla, were founded from Ahúlána, and from Gándhrá Atáil; Kárór was founded from Gánwri and from Kárór, Khráwar. It is curious to note how emigrations of the same clan, though coming from two separate estates, settled close together in a new tahsil. The Dahiya Jats, lying along the north-eastern border of the Sampla tahsil, claim to be descendants of one Manik Rái, a Chauhán Rájpút, who married a Dhankar Ját woman. He had one son, Dahlá, from whom the name of the clan was derived. This son settled 27 generations ago in Baronah, and from Baronah all the surrounding villages were founded. There are a number of Dahiva Játs across the district border in the Súnipat tahsíl. Below the Dahiyas, are their old hereditary enemies, the Daláls, who claim to be Rather Rajputs. Their own account of their origin is, that 28 generations ago, one Dhana Ráo settled at Sílauthí, and married a Badgújar Ját-(there are also Badgújar Rájpúts), woman of Sánkhaul near Bahádnrgarh, by whom he had four sons-Dillé, Desal, Mán and Sahiyá. From these sprang the four clans of Dalál, Deswál, Mán and Sewág Játs, who do not intermarry one with another. Dillé also had four sons-Man, who founded Mandauthí, Asal, the settler of Asándah, and Dhora and Jonpal, the ancestors of Mátan and Chhára; nearly all the other Dálal estates were founded from Mandauthi. The Man Jats live close by in Lowah, and the two adjoining villages: the Sewag in Chhudaní and Mátanhel; and the Deswal in Ladhaud, Bulfánah and Dulahah. The Ahlawat Jats, in the south-western corner of the tahsil, claim, like the Dahiya, to have sprung from a Chauhan Rajput; the Hudah Kádián, Jákhar, and Dalál clans also assert their descent from the same tribe. The ancestor of the Ahlawats is said to have come to Sehriah from the Sambhar country thirty generations ago and had by a strange wife four sons,-Ahlawat, Olah, Birmah and Duhla. There were also two step-sons-Marah and Jun. From these are sprung the Ahlawat clan of Dighal, the Onlian of Senpal, the Birmah of Gubhánah, the Máre of Madánáh, and the Jún of Chhochí, who do not intermary. Ahláwat had five sons, who founded five villages: the other Ahlawat estates were settled from Dighal itself. The Ráthi Játs were, it is said, Tunwar Rájpúts, the oldest clan lying so far north in India; at any rate they took up their abode before any others on this side of the country. Thirtyfive generations ago a Tunwar Rajput had born to him, by a kurewá marriage, two sons, Bhaga and Jogi Das. From the first sprang the Ráthi clan who settled at Parnala and Bahádurgarh, and spread to Bháprodah and to Bahlbah in Rohtak later. The second brother had two sons,-Rohal and Dhauna, from whom the Rohal and Dhankar Játs come: these three clans, by reason of their common origin, did not marry with one another. The Sahrawats also claim a Tunwar origin, and to be descended from Sahrá, a son or grandson of one of the Rájás of the name of Anaugpál. They settled in the district 18-25 generations ago. Three of their villages in Rohtak were founded from Mahraulí in Delhi, and three others had their origin from Sahráwat estates, already existing in the district.

The Yúdalı clan of the Roltak and Sámpla tahsíls asserts for itself a Chauhan origin, and professes to be descended from one Sudah who lived 35 generations ago. Their ancestor settled first in Rewari, where the people interchange the letters "S" and "H" in their pronunciation, and hence the name became converted from Sudah to Húdah. The villages first founded were Sánghi, Khairwáli, and Kailoi; the rest have been settled from these,—many recently. The Kádián Játs profess to be of the same stock as the Jákhar in Jhajjar. and to have their origin only 20 generations ago from a Chanhan Ráipút who came from Bikánír. Four brothers were born of an extraneous marriage—Láda, Kádi, Piru and Sángu, whence the Jákhar, Kádián, Piru and Sángwán Játs; the last are found in Butánah, but there are no Piru Játs in the Rohtak district. though there are said to be some in the Dádri country. Káda settled in Chimni, and his five sons founded Beri, Dubaldhan and the surrounding estates; the more recently settled ones issued from the first two. Láda founded Ladáín, the original village of the Jákhar Jats, whose development was as follows: From Ladáin were founded Humáyúnpúr, Jamálpúr, and Akheri Madanpúr. From the last, Dhaniah and Madal Shahpur were settled, and from Jamalpúr, Bhúráwás and Dhauírwás. Bhíráwás fathered Ambolí in part. and Dhanirwas fathered Dhanah and Salhawas. The last village gave rise to Naugánwah Sundrahtí, Mohan Bárí and Jhánswah. From Jhánswah sprang Jhárlí aud Babúliá in part, and from Jhárlí Bázidpúr-16 whole villages in all. Múndsah only of the Jákhar villages claims a separate origin from the rest. This development of the Jakhar villages is a specially interesting one, and has therefore been given at length. The remaining large clan, the Golfa, lay claim to an unusual origin. These Jats declare that they were Bráhmins, who lost their caste by inadvertently drinking liquor placed outside a distiller's house in large vessels (gol). Their ancestors settled in Bádli from Indor 30 generations ago, and from Bádli 12 other Golfa estates were founded; the remaining six were settled from some of the first off-shoots.

Such is the history of the origin and development of the chief Jat clans, as told by themselves; and the importance of the facts from an administrative point of view cannot be too clearly borne in mind. Seven-tenths, and more of the estates of the district, are held by this tribe, and of these nearly half are owned by the twelve chief clans above-mentioned. As has been already said, the number of small miscellaneous clans amounts to 137: of these the Chilar and Chikára in Sámpla, and the Nirwál in Gohána are the only clans of any size. But before leaving this subject, the history of the Deswal Jats may be given, as an interesting example of development. These Jats sprang, as was noted above, from the same stock as the Dalál. They settled first at Ládhand and Bhaivápúr in Rohtak. theuce was founded Balianah in Sampla, and from Balianah Kheri, Jasanr, Dulahrah, and Kherkah Gújar in Sámpla, and Súrahti in Jhajjar. Thus each new Settlement of the clan proceeded steadily south in its course. Finally, it should be noted that there are a few

Chapter III. C.

Castes, Tribes and Leading Families.

Húdah.

Kádián.

Jákhar

Golía.

Deswál.

Chapter III, C.
Castes, Tribes,
and Leading
Families.
Múla.

Muhammadan Játs who were made converts forcibly, and are called "Múla" Jats; their number is small, and they are scattered in three talsils; they are exceedingly inferior to Hindú Játs. It may be noted that the Játs who profess to be descended from Rájpúts, of whom we have both Hindns and Muhammadans in Rohtak, themselves show a few believers of the creed of Islam, as well as professors of the older religion. As regards the distribution of claus over a wider area than the Rohtak district alone, it may be noted that the Sahrawat and Rathi clans are common in all the three districts of the Delhi division: the Deswal are met with in numbers in Gurgáou and Karnal, and the Malik in Gurgáon and Delhi: the Kádián, Hudáh, Dalál and Golía Játs are found in Delhi and Karnal, and the Mundtor, Jún, Mán and Dhankar in Delhi. The Mundtor, who live in and round Farmanáh, are really Gallat Játs, who received this nickname from breaking the heads of some Bráhmins. From such an incident, a new clan may be me formed, as has nearly been the case also of the Siroha Jats in Gohana, who are Maliks, and the Gothia in Jhajjar, who, like the Mundtór, are Gallat Játs.

Játs described.

Of the Jats, Sir George Campbell has truly written, that "they have great physical and moral energy, are admirable cultivators, and under a fair system, excellent revenue payers, are prodigiously tenacious of their rights in land, and very orderly and well-behaved while in possession of those rights; in fact in every way they are beyond doubt the finest population in India." Mr. Gubbins has noted that the Jats of Rohtak are inferior to none of their tribe for patient industry and skill. The Jats call themselves, as a tribe, "zamindars," and they are true lords of the soil. They are intensely clannish, and a man is a clansman before he is a tribesman, and calls himself a Dahiya, Malik, Húdah or Jákhar, when asked of what race he is before he calls himself a Ját. The women assist the men in all tasks of agriculture, except ploughing and driving earts, and to their efforts the renown of the tribe as enltivators is largely due. The Jats are somewhat looked down upon because of the customs of retaining married girls in their father's house for a long number of years, and of kerewá or widow-marriage, which prevail among them, and in scorn of the latter, of which this alleged saying of Jat fathers to their daughters quoted: "Come, my daughter, join hands and circle (the marriage fire): if this husband dies, there are many more." Of the Jatin, as well as the Knubin, it may be said: "Of good kind is the Jatin who, hoe in hand, weeds the fields in company with her husband." "A good wife is one of the four things necessary for a man's happiness; a bad wife is one of the four things that makes his life a hell." Red rice, buffalo milk, a good woman in the honse, and, fourthly, a horse to ride, these four are heavenly things; but extravagant living, little wealth, a bad woman in the house, and fourthly, dirty clothes, these four are hellish things." There is also a saying concerning the Jats, which reminds one of the well-known lines as to women, and spaniels and walnut trees: "The soil, fodder, clothes, hemp, munj grass, and silk, these six are best when beaten, and the seventh is the Ját' And again, "The Jat, the Bhat, the caterpillar, and, fourthly, a widow woman,

these four are best hungry; if they eat their full, they do harm." It does not appear why these hard things should be said of the Jats, who, in their way, are quiet, orderly, intelligent fellows as a rule; though, as has been aptly said, when a Jat does wander from the straight road "he takes to anything, from gambling to murder, with perhaps a preference to cattle stealing," and, it may be added, abduction. Their conduct in 1857 has been noticed already. Large numbers of young Jats once flocked to our service, but now it is difficult to find sufficient recruits for the Jat horse, and the few other regiments who seek for men from this district. As has been seen above, more than two-thirds of the lands of the district are in their hands, the average area per head being 3; The Mula Jats, though generally recent converts, are already far inferior to the Hindus, and own only half as much land per head as the latter do. There is no special pre-eminence of one clan over another in cultivation.

The Hindn Rájpúts of the Rohtak tahsíl claim to be Punwárs: in Jhajjar they are chiefly of the Bachas clan, with a few Chauhans, Tunwars, Gurs and Badgujars. These are generally of modern date of Settlement, and came from the east and south; in Rolitak the villages were settled 25 generations ago. The Punwars of Rohtak were great rivals of the Tunwars of Hissar, and the sandhill west of Mehim was fixed as the boundary between the territories held by them. The Musahnán Rájpúts are invariably called Ránghars,-a term whose derivation is uncertain, and which is also applied sometimes to Hindu Rájpúts. These men too were once Punwar Rajputs of the same Hindu stock as is still in the Rohtak talsil, and were converted to Islam. The Hindu ancestors of the race settled first in Madinah, and afterwards moved to Kalanaur from which place and Kanhanr most of the other Ranghar estates were founded, including those in the south of Gohána. The, Muhammadan Rájpút estates further north in Gohána are held by another family of Punwar Rajputs, to which the Gohana Chaudhris beloug.

The Hindu Rájpúts in Rohtak are well-disposed, peaceful men and very like the Jats in their ways, but better featured: in Jhajjar many of them are dissolute, discontented and troublesome, though some are among the best men of the district. The very large area per head of this tribe is partly due to estates recently acquired by a few Rájpúts in that tuhsíl, as is also the case with the Afghans. The Ránghars have been aptly described as "good soldiers and indifferent cultivators, whose real forte lies in cattle-lifting." They are a quarrelsome, turbulent body of men, few of whom really cultivate land, and most of whom belong to bands of cattle-rievers or salt-sungglers: the latter profession has, however, ceased now. Worse villages, from a criminal point of view, than Anwal or Niganah, it is impossible to imagine; and it is not to the credit of our administration that they should have been allowed to continue to bear the reputation they do for so long. A large number of Ránghars still enlist in the army-chiefly in the 1st and 12th Bengal Cavalry. The conduct of this tribe in the Mutiny has been fully referred to in the preceding chapter. It

Chapter III, C.
Castes, Tribes,
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Families.

Játs described.

Rájpúts.

Chapter III, C.
Castes, Tribes, and Leading Families.
Raiputs.

bears the worst possible character among the people of the country side, with whom the common saying is: "The Ránghar and Gujar are two, the dog and cat are two; if all these four did not exist, you might sleep with open doors." And again: "You may know that the end of a Gujar has come when he is lame, of the jánt tree (when it dies from its) root, of the bar and pipal (when they die from their) tops, and of a Ránghar when the rheum (of old age) flows from his eyes." Their turbulence and lawlessness is commemorated in the following well-known lines: "Though Kanhanr and Nigánah are but 35 kos from Delhi, the people ezt themselves what they sow, and pay not a grain (of revenue) to any one." Of the good qualities of the tribe the following is said: "A Ránghar is best in the shop of a wine-seller, or in prison, or on horseback (as a trooper), or in a deep hole (and out of the way of harm)."

Ahirs and Rors.

The origin of the Ahírs is even more doubtful than that of the Játs; nor is any aid on the point to be found in their home, Rewari. There they profess to have come up from Mattrá, but the Robtak Ahírs claim to be descended from a great grandson of the Prithi Ráj, who adopted the practice of karewá. At any rate they settled in in the Jhajjar tahsil much more recently than the early Jat clans, and their Settlement is, therefore, of much less interest; some came from Delhi, but most from Rewari, Narnol and Kinaundh. Nearly all the Ahir villages have separate origins, except some four or five only, which were founded from Kosli. The Ahir claus do not correspond exactly to those of the Jats, which are real sub-divisions of a tribe, whereas among the Ahírs the clans represent families rather than sub-divisions of a people. Their language is different from that of the Jats, their customs are almost exactly the same. The Rors have the very same customs as the Jats. The only Ror village, Jowara, was settled from Badli. The Rors claim to be Rájpúts, but they can give no very definite account even of their traditional origin.

The Ahirs are perhaps superior even to the Jats in patient and skilful agriculture, and their well-cultivation is famous. The area which they own in Rohtak, averages only 13 acres per head, but they cultivate lands for miles round Kosli in the Jhajjar and Rewari tahsils; even headmen of Ahir villages may be met with working with their own hands as tenants elsewhere, and the Ahirs have paid revenue demands, which even Jat estates could not have borne. So far has sub-division of property gone with them, that the shares in some wells, which are worked by each sharer for one year in turn, come round after 15 and even 25 years! The surrounding Játs are somewhat jealous of them and say "Koslí has fifty houses (of stone) and several thousand swaggerers," but the character is undeserved. In habits and nature they are very similar to the Jats, and, like the former, they also practise widow-marriage. The Rors, as cultivators, rank with the Jats; they are common in Karnal, and bear a good reputation there. These three tribes form the first class of cultivators in Rohtak, and own nearly 70 per cent. of the divided lands of the district.

lands of the district.

It has been said that the Jats, Ahirs, Rors, together form the first class of cultivators in Rohtak, and own nearly 70 per cent. of the

Other agricultural tribes.

divided lands of the district. In the second class may be ranked the Bráhmius, the Hindu Rájpúts of the Rohtak tahsíl, the better Ránghars and Gújars, and the Dogars; the worst cultivators are the Jhajjar Rájpúts and Biluchs, with the inferior Bráhmins, Ránghars and Gujars. Few of the Afghans, Shekhs, Syads, or Mahajans cultivate with their own hands; they prefer to make use of tenants, often at little or no profit to themselves. The Brahmins are a quiet, inoffensive set, generally illiterate, but in a few cases well-educated, especially in Goliána. The people respect them, but do not trust them "as famines come from the Bágar country, so comes evil from a Brálimin": the character has probably been given them after long experience. In most instances their women do light work in the fields, and they are generally found to be better cultivators when they are located in some Ját estates, than when sole owners of a village themselves. In former days, as has been said above, no village was founded without Bráhmins settling also: this is shown by the fact that the 27 villages held by them contain only 34,467 acres out of the 78,294 owned by the tribe. The Brahmin villages, as has been said, were generally separated from some adjoining Jat or other estates: only four have had an existence longer than 13 generations. But it was an invariable habit for Ját settlers to bring Bráhmíns with them, and, in many cases, therefore, their residence is as ancient as that of the former. The Brálmius of the whole country side are said to belong to the great Gaur sub-division of the race. Sir George Campbell has conjectured that they are, perhaps, not a branch of the Gaur tribe of Bengal, but that their name may have been derived from their residence on the Ghaggar. The commonest clans are the Bashisht and Gnr in Jhajjar; the Mihrwál, Dábra and Bhárad-dawáj in Gobána, and the Koshish in Sámpla. The Afgháns of Gohána are Kákarzaí, and of Gnriani Nághar-gharghast-two snb-divisions of the great Kákar tribe which lies east of Peshin; the people are probably quite nnaware of their relation to each other. The Jhajjar Patháns are Eusafzai from the well-known valley in Peshawar: none of the Afghans have been settled in the district more than 14 generations. Afghans of Gohana are a dissolute set; the Jhajjar Pathans are generally in debt, but are more respectable, and not a few serve in the Cavalry. The Guriani Pathans are very superior to either, and many of them enlist in the Frontier Force: they used to be noted as horse-breeders, but lately they have been giving up this pursuit. The Bilúchs are of unknown sub-division; the oldest estate having been founded only ten generations back. They are trying to become cultivators, but not with any striking success, so far. The Dogars are quiet inoffensive cultivators, who live at Rohtak, and own the adjoinremarks; the Svads of Kharkhandah are a useless and somewhat jans, Syals, Shekha, dissolute lot: the Shekha are found in a somewhat jans, Syals, Shekha, dissolute lot; the Shekhs are found chiefly at Rohtak itself, are exceedingly troublesome, and supply recruits to our armies and jails with praiseworthy indifference. The Shekhs are Koreshis and the Syads Hosseinis: the Kaivaths are of the Kanungo and other families in Government Service; and the Mahajans are all proprietors with new titles. The Gujars are supposed to have abandoned their former

Chapter III, C.

Castes, Tribes, and Leading Families.

Bráhmins.

Afgháns.

Bilúchs. Dogars.

Gújars.

Castes, Tribes, and Leading Families. Gújars.

Chapter III, C. evil ways, and this is no doubt true generally, but it would be interesting to learn by what means the Mussalmán Gújars who have less than two roods of land per head to feed them, gain their livelihood. Their general reputation formerly may be gathered from the fact of their being coupled with the Ranghars. The Gujar villages are all of recent origin, none dating further back than eight generations; the Karána and Kathána claus are the two commonest; and these two are also found in Gurgáon: the latter is the chief clan in Guirát itself.

Non-agriculturists.

Hearth-fces.

Traders.

Butchers.

Village menials.

The non-agricultural portions of the population deserve, perhaps, a longer notice than is usually given to them. In most of the villages, these classes have to pay hearth-fees, as a sort of tribute to the lords of the soil. The usual fee is Rs. 2 per house per annum, but the trader is often made to pay more. An income of no less than Rs. 40,400 is realised from this source by 323 out of the 481 inhabited estates of the district. Curiously enough, the largest proportional number of estates in which these fees are not realised is found in the Rohtak tahsil where the villages are the largest. As a rule, they are not taken in the towns, or in recently settled estates, or in Brahmin villages, which are generally badly off for menials, or in estates held by many miscellaneous owners, such as Hasangarh. The traders are nearly all mahájans or baniyás (so called from banaj=trading), and there are hardly any Khatris or Bhoras. A few in Berí Jhajjar and Rohtak, and one or two in Kharkhaudah and Bahádurgarh, are men of some capital; the rest possess very small means. Their origin is from Agrohá and Márwár; there are 18 clans in all, of whom the Garag, Goil, and Singal are commonest in Rohtak, and after these the Bansal, Mital, and Jindal. After the Játs, Bráhmins and Chamárs, the Mahájans form by far the largest body of the population. Most of the Mahajans are Bishnois, but at Rohtak, Gohána, and Bahádurgurh there are a number of Saráogis. The butcher class is the very worst in the district, and is noted for its callousness in taking human life, and general turbulence in all matters. It is curious to note how equal the numbers of carpenters, potters and barbers are; the blacksmiths are, as would be expected, much fewer, and, as a rule, they are poorer than the carpenters. Both, however, are often well-to-do, and own some of the best houses in the villages; as a class, they are all quiet and peaceable, though apt to wrangle angrily if their customary remunerations are disputed or withheld. The inferior menials, amount to nearly one-sixth of the population, and form a most important body, without whom the cultivation would be almost impossible. The Chamárs ontnumber every tribe of the district, except the Jats and Brahmins; and the Dhanaks and Chúras have only the Máhajaus and Ráughars between them and the Chamárs. They receive at harvest time certain acknowledged dues, for which they render fixed service, and they eke out their substance by working as day-labourers, and pursuing their special callings—the Chamárs, the preparation of leather; the Dhanaks, weaving of coarse cloth, and the others, miscellaneous crafts, while the Kahars make neat baskets. The Chamars belong to a large number of clans, of which the commonest are the Cháhal and Súhal: they do not marry in their own clan, or in the other three which are

forbidden among the Játs. They worship the goddess Mátá, as a rule, and burn their dead, as do the Dhanaks and Kahárs; but the Chúras, who pray to the Lál Guru, bury theirs. As a class they are exceedingly reckless and improvident, and are seldom removed from intense poverty; in a famine they are only saved from instant starvation by the number of carcases of animals which fall to their share. Their relations with the owners have, in many cases, become strained of late, and in some villages they are masters of the situation, especially in sanitary matters.

Leading men on the country side are conspicuous for their absence. There is no single family of any wealth or influence; the leading one perhaps is that of the Rájpút Thakars of Kútáni. The want of men removed somewhat above the level of the ordinary agriculturist is sadly felt; only 15 persons in the whole district are entitled to a seat in the Lieutenant-Governor's Darbar, and of these six are retired native military officers, and two are pensioned civil officers. The recent creation of Boards of Honorary Magistrates at Jhajjar and Bahádurgarh, as well as at Rohtak, is one step in the direction of raising some men of influence in the district, and the appointment of zaildars ought to be another: 27 men of the district in all receive chairs.

SECTION D.-VILLAGE COMMUNITIES AND TENURES.

Table No. XV shows the number of villages held in the various forms of tenure, as returned in Quinquennial Table XXXIII of the Administration Report for 1878-79. But the accuracy of the figures is more than doubtful. It is in many cases simply impossible to class a village satisfactorily under any one of the ordinarily recognised tenures; the primary division of rights between the main subdivisions of the village following one form, while the interior distribution among the several proprietors of each of these subdivisions follows another form which itself often varies from one sub-division to another.

The following figures show the classification by tenure made at the recent Settlement:—

		Land		Held on shares.		Communal.		Mixed com- munal and shared.		
Tahsil.		Held by a single land-lord.	Held by serveral land- lords undi-	Completely.	Incompletely.	Complete.	Incomplete.	Complete.	Incomplete.	Total.
Gohána Rohtak Sámpla Jhajjar Total		1 1 6 8	4 1 2	1 1 	12 4 7 57 80	1 7	60 107 116 103	1 1 2	1 2 14 17	83 114 127 190 514

With regard to area, over 86 per cent. of the whole district is held under the communal tenure; 9 per cent. on shares; some-

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Castes, Tribes, and Leading Families.

Village menials.

Leading men.

Village tenures.

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what over 3 per cent. on mixed tenures; and only about 11 per ceut. under the landlordal system. The three Government estates in Jhajjar are included under this type of villages held by a single owner. Of the estates held on shares, three-fourths are to be found in the Jhajjar tahsil and most are of recent origin. Villages held completely on shares are those in which there is no common land at all, neither as jungle nor under the site of the village; similarly, villages of the pure communal type are those in which there is no common land at all, but every acre within the village boundary is held according to possession. Mixed estates (pattidari bhyachara) are those in which the separated lands under cultivation are held in two different tenures, i.e., in one divisiou of the estate on shares and in another according to possession; the classification of villages under this tenure has nothing to do with their common lands; the absence or presence of which merely affects their being ranked as complete or incomplete, as in the other classes of estates.

Village communities.

Nothing more true or apt can be written of the Rohtak village communities than was penned by the late Lord Lawrence, when Collector of Delhi, in 1844, on the estates of that district: "In no part of the North-Western Provinces are the tenures so complete and well-recognized as here; no districts in which the ancient village communities are in such excellent preservation, or where the practice of our civil courts has done so little harm. They are admirably adapted to resist the evil effects of bad seasons, epidemics and other evils incidental to this country. Bound together by the ties of blood connection and, above all, common interest, like the bundle of sticks they are difficult to break. Drought may wither their crops, famine and disease may depopulate their houses, their fields may be deserted for a time, but when the storm blows over, if any survive, they are certain to return." The tie is of course less strong in some cases than others. most perfect types are found in the oldest and largest Ját aud Rájpút villages. A certain number of the recently founded estates (among which all those of the zamindárí and pattidárí type fall) are not village communities at all in the proper sense; though even these iu certain ways, such as the relations of the owners with menials, imitate the institutions of the older settlements. Sir George Campbell, who was well-acquainted with the old Delhi territory, speaks thus of the Ját communities in his Essay on the "Land Tenures of India," in the Cobden series. "They are," he writes, "tributary republics rather than subjects or tenants of their con-"querors. Those in possession of the village area were left in " possession, and were allowed to manage their own affairs, subject "only to the State right to receive its dues." Such is the case now, and how this came about can be easily traced. "In the greater part of the world," writes the same Essayist, "the right of cultivating particular portions of the earth is rather a privi-"lege than a property; a privilege first of a whole tribe or "a particular village community, and finally of particular individuals " of the community. In this last stage the land is partitioned off "to these individuals as a matter of mutual convenience, but not in

"unconditional property; it long remains subject to certain conditions " and to reversionary interests of the community, which prevent its Village Commu-"uncontrolled alienation, and attach to it certain common rights and "common burdens." The correctners of this summary is well exemplified in the history of the Rohtak villages. First of all the tribe or clau settled on one or more spots, holding a large tract in common. Presently, as cultivation extended from each centre, Their development, boundaries were defined and separate estates formed inside which the land was still held in common. This was the case up to the Regular Settlement, till when no man held an indefeasible right of possession in the land which he cultivated, but was owner only of so many biswas, ploughs, annas, or whatever the shares were called in the estate or some sub-division of it. In many cases the share was not purely ancestral, but had become modified according as the members of one division of the estate or a family grew stronger than the rest in numbers, or desertions occurred, or new settlers were taken in. But still the shares did exist, and were the admitted standard of proprietary right in a large number of villages. local annals tell of half-a-dozen changes made at intervals in the shares on which each estate was held; and though there is no evidence of any practice of periodical redistribution of lands, these changes may possibly point to the existence of such a custom at an earlier date. But the existence of shares was not understood or recognized at the time of the formation of the record of rights, and each man was recorded as owner of the lands which he cultivated. The people themselves acquiesced in this, and the immense breaking up of jungle land, which took place shortly afterwards, consummated the change. But the old shares are still known, and in some few cases the common lands are still held according to them. now, to use the words of Sir G. Campbell again, "practically the "Settlement made with the community is very nearly ryotivar, with the "difference that government deals with the united body, and not "directly with each individual separately."

And in order to describe the actual constitution of these communities, nothing can be better than to have recourse once more to the same writer. "The Jat community is of clausmen managed by a council of elders. There is no feature of communism in them; the bond is municipal rather than a community of property; the common interest in common property is hardly greater than that of commoners of an English manor. The waste land and grazing ground is held in common: certain common receipts are brought to a common fund, certain common charges are charged against the same fund and distributed in a cess on individuals according to their common holdings. There is a system of municipal management, and the community claims to exercise a certain limited control over its members, and to have a reversionary right to the land of members who cease to cultivate or fail to pay, but beyond this there is complete individual freedom." Such are the Rolltak communities. They are communities of clausmen, linked sometimes by descent from a common ancestor, sometimes by marriage ties, sometimes by the fact of a joint foundation of the village. It must be noticed, however, that not every proprietor has a share in the common interests of the

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nities and Tenures.

Village communities.

Their constitution.

Village Communities and Tenures.

Their constitution.

Village councils.

Chapter III, D. village. Gifts and sales are generally made without transferring this right, and the donee or buyer is owner merely of so much land and perhaps of a house inside the village site, and of nothing more. The villages are broken up into main sub-divisions, called usually pánahs, and minor sub-divisions called thulas. These internal arrangements spring from a hundred causes,—the number of sons or wives of a founder or some notable descendant of his, the number of tribes settling, the quarrels of families, or the mistakes of revenue officers. The sub-divisions may be such in name only, and merely for convenience of revenue arrangements; or the separation may extend to a demarcation of the village lands into blocks, and the village sites into quarters, possession being still of comes the measure of right inside each block and quarter. The former is rarer: 79 instances of it exist in the district, many being those of villages held on shares; the latter may be seen in no less than 169 villages. Over each pánah and thula are headmen—a single pánah, if large, may have several headmen or several thulas; if small, may be under a single headman. But at least as important as the headmen, and forming with them the village council or pancháyat, are the thuladárs. These are a body of men unrecognized by Government, but exercising real power over the village. There is generally one representative for each family, or group of families among this body, the shrewdest man being usually chosen for the post. There is no formal election, but the marked men of a village are but few and well known, and a sort of tacit assent of his fellow-clansmen seems to constitute a man's right to join the village council. In this there is always sure to be some leader of the opposition, who perpetually demands that the account of the stewardship of the more powerful faction be submitted to the voice of the whole village, and so keeps up a wholesome check on their proceedings. The council or panchayat settles everything of common interest for the village,—the cultivation of any common lands, the rents to be paid for these,—the realization of grazing and hearth fees,—the exemption of certain persons from payment,—the building and repair of village rest-houses, - the supervising of the system of special watchmen (thikar),—the cleaning of the village tanks, and such like. The accounts of the village funds should be submitted yearly for the sanction of the whole body of proprietors, but this is not done regularly. Certain other matters by general custom also need their special assent, such as the breaking up of jungle land, the cutting and selling of the trees of the common land, the grant of a revenue-free holding by the village, and the like. All the members of the whole body of proprietors are equal; all consider themselves immeasurably superior to the other inhabitants of the village. are the trader, Brahmins, village servants, and village menials; the distinctive sign of their inferiority is that they are all liable to pay hearth-fees (kudhi kamini: kudhi-a home), to the proprietary body, unless exempted by consent or under special circumstances. The first are often well-to-do, and are more or less independent of the proprietary body. The latter are still almost at the mercy of the owners, though the old relations even here are gradually changing, especially as regards the village servants. Such are the village com-

munities, a body often of heterogeneous composition, but united by close ties, self-supporting, self-supplying, united, vigorous and strong.

Table No. XV shows the number of proprietors or shareholders, and the gross area held in property under each of the main forms of tenure, and also gives details for large estates, and for Proprietary tenures. Government grants, and similar tenures. The figures are taken from the Quinquennial Table prepared for the Administration Report of 1878-79. The accuracy of the figures is, however, exceedingly doubtful; indeed, land tenures assume so many and such complex forms in the Panjab that it is impossible to classify them successfully under a few general headings.

Table No. XVI shows the number of tenancy holdings and the gross area held under each of the main forms of tenancy as they stood in 1878-79, while Table No. XXI gives the current rentrates of various kinds of land as returned in 1881-82. But the accuracy of both sets of figures is probably doubtful; indeed, it is impossible to state general rent-rates which shall, even approximately, represent the letting value of land throughout a whole district. The subject is further noticed below.

The area held by cultivators at the recent Settlement is distri- Owners and tenants. buted as follows:—

Per cent. of area Numbers. Acres. held to whole. 93,213 819,991 Owners 82 Occupancy tenants 11,978 49,457 ... ••• 5 Tenants-at-will 19,869 85,194 9 Non-resident tenants 7.917 38,621 4 132,977 Total 993,263 100

This area includes the small patches of jungle attached to the holdings of the proprietors and owned by them, and is, therefore, largely in excess of the total cultivated area of the district, which (revenue-paying and revenue-free lands both included) amounts to 907,358 acres. Similarly, it includes cultivated common lands of the villages. The area held by tenants without rights of occupancy is shown as very much less than it was when measurements were made, and probably as less than what it would ordinarily be. due chiefly to the owners having had their lands generally thrown back on their hands in the year of drought 1877-78, and partly to their dislike of entering a tenant's name in the Settlement Record for fear he should claim occupancy rights hereafter. The area held by occupancy tenants is large, 5 per cent., and in not a few cases they have forced themselves on to weaker communities from ontside estates; one-fourth of them are owners in the same or other villages. The tenants are Jats and Brahmins, Ahirs in Jhajjar, and a few menials; nearly one-half belong to the body of owners; the tenants from outside (usaully called sukhbási) are of the same classes, more than half being owners as well. Omitting 2,560 occupancy tenants, 9,675 tenants-at-will and 4,345 outside tenants, who are all also owners, from the total number of cultivators, we have an average area to each of the remaining 116,387 agriculturists of eight acres per man; the average area per owner qua owner is ten acres: of occupancy tenants and tenants, four each; and of non-resident tenants,

Chapter III. D.

Village Communities and Tenures.

Tenants and rent.

Average holding.

nities and Tenures.

Chapter III, D. five. 1,756 owners, chiefly Raughars, Banivas, etc., owning 13,295 Village Commu- acres, and 167 occupancy tenants, holding 505 acres, do not cultivate at all themselves, but leave their lands entirely to the care of others.

At the recent Settlement the occupancy tenants under the Occupancy tenants various sections and clanses of the Tenancy Act XXVIII of 1868, were classed as follows:-

:		Unde	ΛI	VIII.				
Tansil.	Clause 1.	Clanse 2.	Clause 3.	Clause	Total.	Under Section Under Section		Total.
Gobána Rohtak Sámols Jhajjar	1,025 1,144 2,248 1,270	74 18	15 14 3 127	 31 3	1,114 1,158 2,282 1,418	613 899 1,121 3,117	64 87 32 74	1,790 2,144 3,435 4,609
TOTAL	5,687	92	159	34	5,972	5,749	257	11,978

The numbers entered under Sections 5 and 6 are nearly equal, but the area in the latter case is more than a third larger than in the former; the great majority of tenants in Jhajjar fall under the latter head, as, according to the old practice, a rent over and above the revenue was fixed as payable by them at the Regular Settlement. In the northern tahsils no rent was fixed in 1838, and the occupancy tenants were recorded, as a rule, as paying at the same rates as the proprietors. In some cases, as, for instance, where a claim for the proprietary has been compromised by the plaintiff accepting the status of occupancy tenant, rent cannot be fairly imposed; but the origin of the tenures would show that in most cases it can be. Of the occupancy tenants 1,589 are "religious" men, 1.167 menials, 157 traders, 122 relations of owners, 233 cultivators by permission, and 4,101 cultivators without permission, who acquired their rights, according to their own statements, by breaking up jungle lands (jhundi tor). It can hardly be maintained that the former Settlement Officers, who were guided by no regulation and no rules on the subject, would have made these men owners of the lands they cultivate, if they had ever thought that rents would be levied from them. If the people had intended this, the religious men would have received the land in sankalab; as a fact they are generally dolidars, and have no right. except that of error of writ, to be occupancy tenants at all. So, too, as regards the menials and traders—it could not have been generally wished to make them owners; and the breaking up of jungle land has been nowhere held to entitle an occupancy tenant to hold the land on payment of the Government revenue only. In a number of villages along the north border of the Jhajjar tahsil, a great many cultivators from the adjoining strong Ját estates in Rohtak and Sámpla were recorded as occupancy tenants at the Regular Settlement made by Ráí Pertáb Singh. These men are very slow to pay their revenue and rents, and as they hold a very large area in these estates, the

Non-resident cccupancy tenants.

headmen and people are often hard put to it to pay up the revenue themselves, and then recover it by suit from the occupancy tenants. It may also be mentioned that many of the Agris, or salt manufacturers, have been recorded as occupancy tenants of the lands, and wells held by them in possession for the manufacture of salt.

With regard to the payment of rents, the area held by tenants was distributed as follows at the recent Settlement:—

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Village Communities and
Tenures.

Rent rates.

I.—Occupancy Tenants.

		ts payi	ng the		ants pa ite Ren			ants p mp R				aying lents.		Тотаь	
Tansıl.	Number.	Area in acres.	Revenne in.	Number.	Area in acres,	Rent in.	Number.	Area in acres.	Rent in	Number.	Area in aores.	Rent in.	Number.	Area in acres	Rent in.
										_					
Gohána . Rohtak Sámpla Jhajjar Total	3,105	7,175 10,017 14,141	5,174	256 18 638	2,276 1,701 85 6,311 10,373	1,402	139 81 731	646 254 3,970 4,870	669 5,324	135		Rs 1,925 1,925	1,790 2,144 3,435 4,609 11,978	9 522 10,356 25,070	Rs. 9,005 7,776 13,302 26,650 56,733

II.—Non-occupancy Tenants.

	Payi	ng Rev only.	enue	Payi	ing at l Rates.			Paying ump R		Payi	ng in	Kind.		Toral.	
TAHSIL	Number.	Area in acres.	Revenue in.	Number.	Area,in acres.	Rent in.	Number.	Area in acres.	Rent 10.	Number.	Area in acres.	Rent in.	Number	Area in acres.	Rent in.
			Rs.			Rs.			Rs			Rs			Rs
Gohána	3,165			3,369	14,849	33,465	501	2,444				1,177			
Rohtak	6,055	25,686	21,044									1,401			
Sámpla	4,229	14,362	14,355				1,346	6,152	19,345	154		713			
Jbajjar	1,973	6,774	7,652	7	67	42	2,709	15,541	25,896	451	2,471	4,3.4	5,140	24,853	37,914
Total	15,422	55,251	55,294	6,098	35,872	57,893	5,275	28,716	54,353	892	3,936	7,615	27,687	123,775	1,75,153

These figures cannot be said to be absolutely correct, for the people will enter false rents. More than half the area in the hands of occupancy tenants is in the Jhajjar tahsil, and for two-thirds no rent is paid, only the government revenue; tenants-at-will, pay the government revenue only on something less than half of their whole area. The following are the average payments at rent rates and lump rates per acre; the latter, throughout, are the higher, and most nearly approach real rents.

Rate Rent per acre.

Rs. A. P. Rs. A. P.
Occupancy tenants 1 2 6 1 7 6
Non-occupancy tenants 1 9 10 1 14 3

The net rent over and above the government revenue in each case is as follows:—

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Village Communities and Tenures. Rent Rates.

		Net Rate Rent	$Net \ Lump$
		per acre.	Rent per acre
		Ŕs, A. P.	Rs. A. P.
Occupancy tenants	***	0 4 1	078
Non-occupancy tenants	••	0 13 4	U 14 7
_ ` `			

From this it is evident that real rents are not met with, as a rule, in the Rohtak district, and will only be found here and there, where special circumstances exist. No rent can be considered real, which is not double of the old revenue, if it includes that. Even in these cases they are generally accidental, and due to the land on which they are paid, having become irrigated or broken up since last Settlement. The only real rents are those on canal lands in Gohána and Sámpla, and these are found over a very limited area only. The area held by tenants-at-will paying revenue only is, it will be observed, much the smallest in the Jhajjar tahsil; the custom of taking rents grows up perhaps more readily under native than under English rule in a district like Rohtak; it may also be noticed that the average holding of a tenant

Rents in l	sind.
Rate.	Area in acres.
At 1 of crop At 1 , , , , At 2 , , , At 4 , , , At 2 , , , At 1 and 1	740 2,404 279 296 68 149
Total	3.936

Nos 1	naying	rent. 0-8-0 .	Rate
2,042	from	0-8-0 t	0 1-0-0
1,406	"		,, 1-8-0 ,, 2-0-0
175	"	2.0.0	, 2.8-0
72 79	11		, 3 -0-0 , 3-8-0
58	"	3.8-0	4-0-0
8	_ "	4.0.0	4-8-0
7,259	Total.		

paying no rent is only about half of that of a tenant paying rent over and above the revenue. The area on which occupancy tenants pay rent in kind is insignificant, and is found only in some of the Jhajjar naturally-flooded villages: the rates in kind paid by tenants-at-will are as in margin.

The number of tenants of all classes in the three northern tahsils paying at rate rents is classified in the margin, according to the amount of revenue and rent per acre which they pay.

The rents at lump sums are swollen by the figures of the Sampla talisit; but very high rents are taken in Kharkhandah and Bahádurgarh—as much as Rs. 8 an acre for canal land in the first village. Nothing but a very minute analysis can lead us to instances of real, undoubted rents; and the results of such a task when completed are of very little use, as the areas in such cases are so small.

Village Officers.

The figures in the margin show the number of headmen in

	Tahsíl.		Zahddrs.	Chief beadman.	Village Lambardars
Rohtak Jámpla Gohána Jhajjar			10 10 7 11	52 70 43 60	467 569 387 535
То	tal	•••	38	225	1,958

the several tahsils of the district. The village headmen succeed to their office by hereditary right, subject to the approval of the Deputy Commissioner. Each village, or in large villages, each main division of the village having one or more headmen.

They are responsible for the collection of the revenue, and are bound to assist in the prevention and detection of crime. The rule regarding the appointment of álá lambardárs or chief headmen in this district is that where the number of lambardárs of a single tribe or clan of a tribe exceeds three, an álá lambardár is appointed; except in some villages where the lambardárs are all of different castes, and they cannot agree as to a head.

Chief headmen are elected by the votes of the proprietary body, subject to the sanction of the Deputy Commissioner. They represent the body of headmen, and receive Government orders in nities and the first instance, though, in respect of the collection of land-revenue, they possess no special authority or responsibility. The zaildár is elected by the votes of the headmen of the zail or circle. His appointment being subject to his personal fitness, and regard being had to services rendered by him to the State. These men are required to assist in the administration of their circles by their advice and influence, and by supervision of the patuáris and lambardars. They and the chief headinen are remunerated by a deduction of 1 per cent. on the revenne of their circles or villages, while the headmen collect a cess of 5 per cent. in addition to the revenue for which they are responsible.

The headquarters of the zails, together with the prevailing

tribes in each, are shown below: -

Tahsil.	Zai	<i>l</i> .	No. of villages.	Annual land revenue.	Prevailing caste or tribe.
Robtak.	Mehim Mokhra Kalánour Berí Súndánah Bohar Kiloí Sánghí Babú Akbarpúr Bainsí		11 12 16 10 11 11 11 9 9 11	26.147 32.009 32,188 26.525 17.635 20.225 18,650 21,162 17,379	Játs with Banyas, &c. Játs. Ránghars. Játs (Kadan). Játs. Do. Do. Do. Do. Do. Do. Do. Do. Do. Do
Sampla.	Bahádurgarh Sámpla Kánaudah Sisánah Bhálot Farmánáh Bapaniah Mándauthí Díghal Humáyúnpúr		16 13 12 17 8 9 11 14 14	19,124 33,899 20,126 38,862 21,195 20,104 18,945 33,193 24,803 24,907	Játs (Rathi). Játs. Do. Do. (Dabia). Játs Do. (Mundtór). Játs Do. (Dalál). Do. (Ahláwat). Játs.
Gohána.	Gohána Mundlánah Bútánah Anwlí Ahúlánah Barodah Khánpúr Kalán		12 13 10 14 12 9	24.796 30,444 32,014 39,463 27,047 26,690 31,575	Ránghars and Játs. Játs. Do. Do. Do. Do. Do. Do. Do.
Jhajjar.	Mátanhel Koslí Khúdan Kútání Palrah Bádlí Sáiháwás Jhajjar Gúrrání Chhudání		13 12 27 19 19 24 23 14 15 14	16,196 12,834 30,254 20,806 19,630 37,446 26,567 23,582 13,155 12,006 20,038	Játs. Ahirs, Játs and Ahirs. Rájpúts, Hindu. Do. with few Ahirs. Játs (Goliya), Do and Ahirs. Do, Ahirs and Patháns. Do, do, do Do. Hindu Rájpúts.

Chapter III. D. nities and Tenures. Village Officers.

Chapter III, D.

Village Communities and

Tenures. Zaildáis.

Zaildárs were appointed in 1879 in all four tahsíls and in no district could their appointment be more appropriate, owing to the grouping of the tribes and to the want of men above the level of ordinary cultivators. In all, 38 men were appointed, seven in Goliána, ten each in Rohtak and Sámpla, and eleven in Jhajjar; their circles were made, as far as possible, according to the distribution of the tribes. Rolitak, with three adjoining villages and Kharkhaudah with Mu'azzamnagar were not included in any circle, just as formerly they were not included in any tappah. In the old days there had been chaudhris of the country side but, except in Jhajjar, these appointments had long been obsolete. Each zaildar in the northern talisils has an average of twelve villages under him, and in Jhajjar seventeen; the area in either case is Rs. 31,000 and 27,000 acres. Their emoluments vary from Rs. 394 to 129-8 pcr annum; the average pay is Rs. 243-8, which they will collect themselves as at present proposed. They are not men of any special mark, but take them as a whole, they form as fine a body for manliness and influence as will be found in any district of the Panjáb.

Chief headmen.

Chief headmen were appointed in 220 villages under the special orders of Government, conveyed in letter No. 1947 of 12th December 1874. These were to the effect that a chief headman should be selected by the revenue officers, and be appointed by election of the proprietors in each estate or well defined subdivisions of an estate containing three or more headmen of the same clan. The appointments were made in the cold weather of 1878-79. In 18 villages two chief headmen were appointed, and in the town of Jhajjar three. Permission has been given to extend the system to all villages with three or more headmen, independent of the number of clans, if they desire it. The average emolument of each chief headman appointed is Rs. 26 per annum. The cesses for the remuneration of zaildars and chief headmen are first added to the revenue, and then allowed on it again; both classes of officials collect their additional dues themselves, just as the headmen collect theirs.

Village headmen.

The position of the district as regards headmen is peculiar, and formed the subject of special report. It has been explained in the Settlement Reports of 1838 that at the Regular Settlement, in order to compose feuds, the claims of all men, and perhaps of all descendants of mcn, who had been headmen in any Summary Settlement were taken, into consideration, and as many as possible appointed; the system of son succeeding to father was also then adopted. As no pedigree-tables were prepared, it often happened that four headmen were appointed for four thulas, whereas one should have been appointed for the pánah in which they were all contained; and whereas it should have been provided that on the death of certain representatives their post should lapse, this was not done. The consequence is that the district contains no less than 1,958 headmen in 514 villages, giving more than one headman to every 50 owners, and besides such monstrous anomalies as seventeen representatives in one village, sixteen in another, and fourteen in a third, we have 13 headmen in eight villages, 12 and 11 in six each, 10 in seven, 9 in thirteen, and 8 in nineteen. In some villages

the headmen received actually less than two annas a month for the discharge of their duties! In addition to this the responsibility Village Commuof the headmen for collections was often joint, that is, the owners of the village or some sub-division paid to two or three headmen jointly, and when one headman went to demand the revenue, he was met by the reply that it would be paid or had been paid to one of his fellows; this has been remedied in the recent Settlement by assigning to each headman a certain number of the revenue-payers for the collection of whose revenue he is solely responsible. It was proposed to Government that measures should be taken to reduce the numbers either now or as death vacancies occurred, but the proposals, together with several others directed to the same end, were not approved of. The appointment of the chief headmen should in many cases remove the difficulties which the excessive numbers of headmen cause in the way of police and revenue administration. The average emolument of headmen calculated on the new revenue, including owners' rates, is about Rs. 2-3 per mensem; in canal villages they receive 3 per cent, out of the collections on account of occupiers' rates if these are paid into the treasury by a certain date. The average amount of revenue (including owners' rates) for whose collection each headman is responsible, is about Rs. 530. It may be mentioned that in one or two villages of which the owners and headmen were non-resident, and the lands largely held by occupancy tenants, these latter elected one of their own number as a special headman, and agreed to pay 5 per cent. on the revenue to him as well as to the proper headmen of the village.

There are 702 village watchmen in the 481 inhabited villages: Village watchmen, this number gives an average of one to every 790 heads of population and 200 houses or shops—the last is double the proportion fixed by Government. The men, however, are not evenly distributed, and in some large villages of over 2,000 souls there is only one enstedian. The pay of the watchmen is usually at the rate of Rs. 3 per mensem, but they eke it out in many ways. Not a few do tailor's work, and where they belong to the village, whose custodian they are, they can cultivate a little land. The thikar chankidari is a system of private watch and ward undertaken by the villagers, themselves and is managed thus; The names of all able-bodied men are written on pieces of potsherds, and placed in a vessel in the village rest-house. Day by day the names of as many men as are needed to keep guard at certain fixed places in the village and on the roads are drawn out, and these men watch from nightfall to morning. The process is repeated daily till the lots are exhausted, when it begins over again with another vessel, into which in the meanwhile the lots drawn daily have been placed. The custom is a useful one, and should be maintained.

The status of a menial does not in any way spring from the payment of hearth-fees (kúrhi kamini, or kamiána) and it is quite a mistake to include persons like the village shopkeeper, goldsmith, or oilman among kamins as menials, merely because they pay such Such men never are and never can be menials. A menial is one who for certain clearly defined regular services receives certain well-known regular dues; he may of course receive such payment

Chapter III, D. nities and Tenures.

Village headmen.

Village menials.

Chapter III, D.
Village Communities and
Tenures.
Village menials.

as may be agreed upon, in return for other services, but this in no way alters his position. The zamindars divide them into two classes -those whose labour is intimately connected with agriculture, viz., the blacksmith, carpenter and chamár, and those whose services are rendered in other ways and less regularly, as the weaver, barber, kahár, potter, waterman, washerman, and sweeper, whom they call "house menials"—khángí kamín. A European, looking at the greater gulf of separation in the ordinary relations of life, which exists between the villagers and the chamárs, sweepers, weavers, and kahárs, is apt to place these four classes together as a body outside the pale of communication, and distinct from the other menials, but the classification of the people themselves is that given above. In the following table the dues paid to the first three classes, as compared with the rest, show clearly the reason of the distinction made by the villagers:-

NAME OF MENIAL.	Duty.	Durs.
I.—Kháti—Carpenter	To supply and make the wood- work or all ordinary agricul- tural implements, heds, stools, etc. Other work is paid for	 50 seers per 100 maunds of yield, and a day's food at sowing time One bundle of barley or wheat with straw per plough in the spring, and two bundles of jowar or bájra in the autumn. On a daughter's marriage.
II.— <i>Lohár</i> —Blacksmith	To supply all iron work neces- sary for agriculture. Anything required beyond this is paid for.	Re. 1, and on a son's. 4 as, The same as the above; but the dues at a marriage are only half of the above usual- ly.
III.— <i>Chamár</i> —Tanner	(1) To assist, as required, at every kind of house and field labour; to supply shoes to the whole family twice a year, whips, goads, etc. (2) To assist as required in household work, and supply two pair of shoes to the family yearly with whips, etc. (3) To assist in household work, and mend shoes only.	 One-tenth of the whole yield of the crop. At a boy's marriage Re. 1, at a gul's, Re 1 tn Rs. 5. One-twentieth of the yield of the crop. As above. One fortieth of the yield of the crop. As above.
IV.—Kumhár—Potter	To supply vessels for travellers at the rest-bouse, and present a set of dishes at a marriage.	(1) A busket of grain and a bundle of the crop each harvest. (2) At marriages 8 annas to Rs. 3.
V.—Kahár—Cooly	To supply water to Hindu houses, and at marriages. The baskets which these men make are paid for	At marriages 4 annas to Re. 1-8. If the káhar helps in the field, at harvest he receives a bundle of the crop.
VI.—Sakhá—Waterman	To supply water to the house.	A basketful of grain yearly, and 4 annas to Re. 1 on a marriage.
VII.—Chúhar—Sweeper	To sweep the village lanes; to do miscellaneous work re- quired of him; to graze cattle, and collect persons when needed for any assem- blage.	There is no special rate of re- muneration fixed; grain is given at the harvest time, and the clothes of the dead are also made over to this class, and broken food.
VIII.— <i>Nái</i> —Barber	To do such household duties as are required of him; to feed guests; to shave the polls of males; and to go on errands.	No actual dues are appointed grain is given at each harvest

No dues are appointed, as a rule, for the dhának or weaver, who either receives remuneration for the cloth which he weaves, or else renders much the same services as the kahár for the same dues. The fees in the above list are not, of course, an absolute standard; they are those prevailing in the large estate of Sanghi, and many petty variations from them will be found in other villages. The chamárs, it may be noted, are generally attached to one owner, or to a few families, and are not at the disposal of every one; this connection cannot be broken till the crops of the current year have been housed, but it can then be terminated from either side.

The subject of the employment of field labour, other than that of the proprietors or tenants themselves, is thus noticed in answers furnished by the District Officer, and inserted in the Famine Report of 1879 (page 713):-" Employment of hired field labour is not "customary save with those who possess large holdings. The district "generally is in bháyachára tenure, and the holdings are usually so "small that the people cannot afford to hire labour, except at harvest "time, when nais, dhobis, chamars, dhanaks, and such like are em-"ployed as reapers, and receive as wages from four to five seers of grain "daily. People thus employed as field labourers constitute about $3\frac{1}{2}$ "per cent. of the population. They are inferior to the regular culti-"vators as regards ability to subsist from harvest to harvest, as they "have no credit, and, when their supplies are exhausted, are obliged "to leave their homes in search of labour." The wages of labour prevailing at different periods are shown in Table No. XXVII, though the figures refer to the labour market of towns rather than to that of villages.

The last two lines of Table No. XVI show the number of persons holding service grants from the village, and the area so held. But the figures refer only to land held free of revenue, which is by no means the only form which these grants assume. Sometimes the land is leased to the grantee at a favourable rent, or on condition of payment of revenue only; sometimes the owner cultivates and pays the revenue, making over the produce to the grantee; while occasionally the grant consists of the rights of property in the land, which, subject to the usual incidents, such as responsibility for revenue and the like, vest in the person performing certain specified services at such time and for so long as he performs them. These grants are most commonly made to village menials and watchmen on condition of, or in payment for, services rendered, to attendants at temples, mosques, shrines, or village rest-houses, so long as they perform the duties of the post, and for maintenance of monasteries, holy men, teachers at religious schools, and the like.

Table No. XXXII gives statistics of sales and mortgages of land; Tables Nos. XXXIII and XXXIIIA show the operations of the Registration Department; and Table No. XXXIX the extent of civil litigation. But the statistics of transfers of land are exceedingly imperfect; the prices quoted are very generally fictitious; and any figures, which we possess, afford but little real indication of the economical position of the landholders of the district. The subject is discussed at some length at pages 332ff, of the Famine

Chapter III, D.

Village Communities and Tenures.

Village Menials,

Agricultural labourers,

Petty village grantees.

Poverty or wealth of the proprietors.

Village Communities and Tenures.

Poverty or wealth of the proprietors.

Report of 1879, where actual figures are given for instances selected as typical. Ar. Fanshawe writes as follows in his Settlement Report:—

"As a rule, the people are well-to-do and free from debt. The area which has been sold since last settlement is only 1.25 per cent, of that cultivated, and the lands mortgaged amount to only 5 per cent. of the same; even this figure is above the normal state of things, and has been brought about by the drought of 1877-78. The land hypothecated bears a debt of 6½ lakhs, or a sum about equal to two-thirds of a year's revenue, wet and dry. The indebtedness occurs largely in the Ranghar and Rajput villages, and in some canal estates which have lived beyond their means. The ordinary rates of interest charged by the traders are as follows:—On the security of landed property 18 per cent., or in the case of a large transaction, 12 to 18 per cent.; on personal security, 24 to 30 per ceut.; on the security of a crop, a quarter as much again as the advance made. The accounts are generally settled yearly, and many cultivators do not need to have any recourse to the money-lenders, even in seasons of famine. These seasons add no doubt heavily to the debts of many for the time being, but a Ját is by no means a lost man because he mortgages his land: he and his sons are nearly sure to redeem it sooner or later. The people complain of course of the revenue demand to all new officers—Ogáhi karri, they say,—"the revenue is heavy"; but in their hearts they know that it is light, and I never found a single authentic case of debt caused by the necessity of paying revenue alone, although of course this is always put forward as the first reason. Enquiry from the people themselves, in almost every village of the district, has shown me that as long as a family has its proper complement of workers, male and female, it is well-to-do. But where sons are idle, or the father becomes old while they are still boys and unable to work, or dies leaving them to the mother's care, or where there is no woman in the family, or only a bad one, the home is certain to fall into difficulties. Marriage expenses, the cost of litigation, loss of cattle and other special causes of debt, exist of course; but by far the commonest causes are those given above, which may be termed natural ones, and debts resulting from which are generally paid off in the end,"

CHAPTER IV.

PRODUCTION AND DISTRIBUTION.

Chapter IV, A. Agriculture.

General statistics

of agriculture.

SECTION A. -AGRICULTURE.

Table No. XIV gives general figures for cultivation and irrigation. and for Government waste land; while the rainfall is shown in Tables Nos. III and IIIA and B. Table No. XVII shows statistics of Government estates. Table No. XX gives the areas under the principal staples, and Table No. XXI the average yield of each. Statistics of live stock will be found in Table No. XXII. Further statistics are given under their various headings in the subsequent paragraphs of this chapter. Land tenures, tenants, and rent, and the employment of field labour have already been noticed in Chapter III Section D. The measurements of the recent Settlement give the following figures for area of cultivated and irrigated soils:

					AREA	IN ACI	RES.			
	- ci	4:					Cultive	ited.		i
Tansil.	Revenue free.	Unculturable	Culturable.	Fullow.	Canal lands.	Well-lands.	Flooded lands.	Rain-lands.	Total.	Total AREA.
Gohána Rohtak Sámpla Jhajjar	2.797 1.285	13 901 19,231 16,035 17,387	30 191 55,268 29 536 48,341	4.124	63 342 11,531 22,002	506 470 2 371 18,988	25 911 8,604	105,649 285,643 189,297 185,676	$\frac{297.044}{214581}$	378 464 261,778
TOTAL	15,509	66 554	163,336	13.733	96,875	22,335	9,540	765,665	894.415	1,153,547

The soils of the district have already been described in Chapter I (pages 7, 8). In years of good rain there is little to choose between dákar, matiyár and rausli; while bhúr has this advantage, that it will often grow a crop with rainfall, that is quite insufficient for any other class of soil. The area of each soil according to the recent Settlement survey is-

Soil.		Acres.	Percentage.
Minured		32,054	4
Dákar		21 051	$\dot{f 2}$
Matiyár	** 1	58,677	7
Rausli	•••	671,901	75
Bhúr	•••	110,732	12
m . 1			
Total		801.415	7.00

But the manured area was under-estimated. More than twothirds of the $bh\hat{\nu}r$ area is situated in the Jhajjar tahsil.

Table No. XXII shows the number of cattle, carts, and ploughs in each tahsil of the district as returned in 1878-79.

The implements of agriculture are few and simple. Some few are fashioned by the agriculturists themselves, but most are made plements and appliand repaired by the blacksmith and carpenter, in return for their

Agricultural im-

Soils.

Agriculture.

Agricultural implements and appliances.

customary fees and without charge; the supplying aud mending of the implements cost these village servants about Rs. 6 each per landlord a year. The following list comprises all those in common use:—

Hal,—plough.
Sohága,—clod crusher.
Jándra,—drag-rake.
Jeli,—fork.
Daráni,—sickle.
Gandasi,—axe to cut thorns.
Gandasa,—fodder chopper.

Kulhárí.—hatchet. Kasi,—large spud. Khurpá.—grass-spud. Kasolá,—large mattock. Kodálí,—smaller do. Gádí,—cart. Kolhú,—sugar mill.

Flough.

Sugar mill.

The chief parts of the plough are the yoke,—jua, the pole from the voke to the plough, -halás, the share-kas or phálí, the wood below the share, -panihárí, the hollow bamboo drill with a cup at its head attached to the side of the plough in order to drop the seed,-órná; and the oxwhip,-sántá. The sugar mill is made up of the following principal pieces—the $kolh\acute{u}$, or wooden stump, in the top of which the cup for crushing the cane is; the lát or crusher revolving within the cup; the horizontal beam from the top of this, which joins the far end of the other beam to which the oxen are yoked, and whose base revolves round the side of the kolhú,—the former called mánick mal, and the latter pát. The method pursued for expressing the cane juice has been correctly described by Mr. Powell in his "Punjab Products," and needs no further account here. There are about 1,000 sugar mills in the district, of which half are in the Gohaua tahsil; as a rule the zamindars manufacture gur only, but refined sugar also is made by them in some villages, and that of Bidhlán, Sisánah, Busánah, Mundlánah, Mahmúdpur, and Madínah has a considerable local reputation. Many of the carts of the countryside are very fine ones, capable of carrying a weight of 40 or 45 mauuds and drawn by five or six oxen; the carts used for agriculture exclusively are smaller, and drawn by two oxen. There are between twelve and thirteen thousand carts in the district, of which twothirds are large ones and ply in the carrying trade. Though the receipts of the zamindárs from this source have certainly fallen off since the railways opened, some two lakhs of rupees a year are still made by carrying; few carts comparatively are owned in Jhajjar. The names of the important pieces which make up a cart are as follows: wheels (pahiya) made of kikur; axle (dhúrah): the solid bars ontside the wheels which keep them close to the body of the cart, bánk; the main pieces which run from end to end, which are made of sál, and on which the upper work of the cart rests, phar; the side uetting of bamboo and cord, khintá; the cross sticks, which support the cart in front when standing, dahi, and the log of wood, which similarly holds it up behind, olárwa. A large cart (gádi or ladhá) costs Rs. 75. The furnishings of a well are as follows: the wheel, charkhi; the wood-work by which the wheel is supported, dhánah; the rope, lao; the leathern bucket, generally made of buffalo skin, charás; and the iron ring, round which the bucket hangs, mandal. Besides the above implements there may be mentioned as necessary for the work of agriculture the threshing ground, gáhíta, with its upright pole (mend), round which the oxen treading out the grain are driven; and the chháj or winnowing tray; the platforms made of earth or supported on upright poles (ter and damchah), which are needed for the watcher of the

Carts.

Wells.

Miscellaneous.

crops to protect them from the birds, and the gopyiá or sling which he uses. Not a few of the implements are clumsy, but, in some cases, cause. The cart must be heavy and strong, at least, with to stand the joltings of the ruts of village roads; the plough must plements and applibe light, and not penetrate too deeply at the time of sowing, for the ances: miscellanerainfall is not always sufficient to penetrate far into the soil, and a damp bed of not a few inches deep is useded below the seed, for its roots to shoot down into. To have a heavy plough for the prepara-tion of the fields and a light one for sowing is, of course, quite beyond the ideas of a Ját cultivator. Winnowing in the Indiau fashion, by pouring the grain from a basket held by a man standing on a stool, and allowing the wind to bear away the chaff, is still at the present day the common practice in parts of Ireland. The sugar-mills are no doubt unnecessarily clumsy, and both the quantity and quality of the inice expressed are affected by the practice of cutting the cane into small pieces. One or two iron mills introduced experimentally did not fine much favour; but a second attempt, if made, would perhaps be more successful.

The total annual fall of rain and the manner in which it is distributed throughout the year are shown in Tables III, IIIA, IIIB.

The average rainfall is $19\frac{1}{2}$ inches, which is distributed thus

according to months in each talisit: -

according	O 1117	THE PROPERTY	Cucii omisii i			
O		lohána.	Rohtak.	Sámpla.	Jhajjar.	Average
January		·5	٠3	4	4	.4
February	•••	·5	∙5	.3	•4	•4
March	•••	·7	•7	4	•4	•5
April	•••	.4	.3	.3	•3	•3
May		.9	•7	•6	•6	•7
June		2.3	2 ·0	20	2.0	21
July		5.6	67	6 6	6.7	6.4
August		4.1	3.7	4.0	36	3 9
September	•••	41	3.8	3.6	3.8	3 ·9
October		0.3	0.4	0.4	0.3	0.3
November	•••	00	0.0	0.0	0 0	0.0
December	•••	0.7	0.5	0.4	0.6	06
						-
		20.1	19.6	19-0	19-1	195

The rainfall is greater in the northern tahsil than in the others, as would be expected, though carriously enough, the Gohana tahsil shows the lowest figure in three out of the five years of scantiest rain since For the six years from 1850-51 to 1855-56, the average fall, according to the returns of the North-Western Provinces Revenue Reports, was 22.1 inches, but the record was perhaps not so carefully kept then as now. It will be seen that the fall of July is nearly double that of any other month; that the fall in August and September is about equal; and that the rains cease early, the average fall in October being only 1 inch. The rainfall may be divided off into the following periods:-

December—February	•••	1.4
March-May	•••	1.5
June and July	•••	8.5
August and September	•••	7.8
October and November	•••	∙3

... 19 5 Total

Roughly speaking, thirteen inches go to the sowing of the autumn

Chapter IV, A. Agriculture. Agricultural im-

> The seasons. Ramfall.

Chapter IV, A.

Agriculture.
The seasons.
Rainfall.

crops, and five inches to the sowing of the spring. November is the only month, which shows no rainfall at all. The winter rains are scanty; about an inch for the gram crop, and two inches (one more) for the wheat and barley. The early snumer rains enable cotton to spring up well, and the bájra and fodder to be sown, and they are especially beneficial in replenishing or preventing the further exhaustion of the stores of water in the tanks, which begin to fail rapidly from the middle of May forward; but the really important rain is that of July. Thus in 1866-67, and again in 1870-71, the fall of the whole year was as poor as in the famine seasons and in the drought of 1877-78, but such rain as did come fell in June and July, and no famine or serious drought took place. The lowest recorded rainfalls of the district are 9 inches in 1860-61, 12.6 in 1866-67, 11.2 inches in 1868-69, and 13.2 inches in 1870-71; the highest occurred in 1862-63, 1863-64, 1872-73 and 1875-76, when the gauges registered 27.2, 28.8, 26.7, and 31.1. The lowest record in any tahsil is 4.5 inches at Gohána in (1860-61), and the highest 37.5 at Sampla in 1875-76, which was the heaviest fall by far ever known in the district. The people consider the rain good when it moistens the soil to a depth of 21 feet from the surface. The terms for the various degrees of rain are as follows:-

Dongra.—Scattered drops
Chadar bhé,—sufficient to damp their clothes.
Khúdwáni,—a furrow full.
Kiári bhar,—a field full.
Dolah or náká tór,—sufficient to break the field's boundaries.
Misal dhár,—a heavy downpour.
Desa bharn,—general rain.

After the falls of rain, and especially after the last fall in the antuum, extraordinarily heavy dews set in at nights; these are almost as beneficial to the crops as the rains themselves.

Agricultural calendar.

The round of the common task of agricultural operations does not call for more than a brief record. The cotton and sugarcane are planted in April and May, and the indigo and early fodder crops are sown while yet the fields are being cleared of the wheat and barley; rain with hail in these two months may do great harm. In June the bájra and early joár, the later cotton and sánthí rice are sown, and the cotton and sugarcane fields are cleaned; for all these crops early rain in June is most beneficial. In July and August all the jour goes into the ground and the pulses, and the fields have to be constantly cleaned; moderate rain at intervals throughout the two months is what the agriculturist prays for; too heavy rain is apt to injure the crops and cattle both. In September the early bájra is cut, and the gram begins to be sown; on the final rains of this mouth depend the yield of grain of the autumn crops, and the extent of the spring crops. In October rain is not needed; the later bijra, and the jour are cut, and the spring sowings of wheat and barley commence; in November and December the autumn crop is threshed out and stored, the picking of the cotton begins, and the last fields possible are put down with the spring crops: rain in December is good for the gram. In January the sugarcane ripens, and is cut and pressed, and the cotton is cut down; some rain is desirable in this month and in February for the wheat and barley.

In March the gram is cut, and after this month rain is no longer needed; if it comes, it only does harm. Such, in brief, is the calendar of the year's agricultural work.

The cultivated lands are classified as follows in the Settlement papers, with respect to artificial irrigation and the rainfall:—

				Acres.	Percentage.
(1).—Canal irrigated	•••			96,778	11
(2)Canal and well irrigated	•••	•••		5	
(3).—Canal and flood irrigated		•••		92	
(4).—Well irrigated	•••			20,595	2
(5)Well and flood irrigated	•••	•••		1,740	1
(6)Flood irrigated	•••	•••		9,540	1
(7).—Rain land	***	•••	{	765,665	86
		I	otal	894 415	100

Two-thirds of the canal-irrigated area are in Goliána; about six-sevenths of the well lands, nine-tenths of the flooded lands, and all the well and flooded lands are in Jhajjar; items (2) and (3) in the above list are due to an unnecessary refinement of classification. The system of cultivation under each of the above set of conditions may now be noticed briefly.

Canal irrigation is effected almost entirely by flow (tór), only 2,496 acres in the whole district require the water to be lifted to them (dál). At the Regular Settlement the area irrigated by lift bore a considerable proportion to that irrigated by flow; but the silting of the canal, and the consequent constant heightening of its banks, have now raised the water above the level of the country at almost all points. Whether this is an unmixed advantage is doubtful. In many villages the irrigated area has been allowed to increase out of all proportion to the necessities of the estate. new system of owners' rates will, it is hoped, effect some change for the better here. The water leaves the canal through masourv outlets called mori: the larger water-courses are named khánds in Gohána, and dhánah in Rohtak and Sámpla, and the lesser phánké; rajbahas are the main distributaries. There is always some trouble in effecting the work of clearance, as the Jats will not, as a rule, do it themselves, although they do clean out their watercourses, but send their menials to do the work.

Allusion has already been made to the development of saline efflorescence caused by the canals. The origin of this pest has been fully discussed in the papers of the Aligarh Conference. The villages above Mundlánah, in the north-east corner of Gohána, and the estate of Mu'azzamnagar above Kharkhándah in Sámpla, which suffer most from actual efflorescence, seem to have been attacked as forming the highest ground near; in none of these cases is there any serious check of natural drainage, nor are the lands liable to be swamped, as they are in Chhaterá, Siwankah and Mahmúdpúr, along the main line of the Rohtak canal, and in which this cause alone is the origin of the evil. In Mirzápúr, and Chhichránah on the Gohána border, and in Sasrolí in Rohtak, the salt is probably developed by soakage from the canal, whose bed is there high above the level of the country. In no other canal villages is the efflorescence as yet badly developed in the cultivated

Chapter IV, A.
Agriculture.

Irrigation, &c.

Canal lands.

Salme efflorescence.

Agriculture.

Saline efflorescence.

Chapter IV, A. lands; but it is developing fast in Bidhlán, Khandah, in Sampla. Four small estates have had a five years' Settlement made with them on account of the ravages committed by this pest. It is to hoped, however, that in the Gohana estates, at least the area affected will gradually diminish as the good effects of the new alignment of the canal are felt. It may be noticed here that the scale of charges which now prevails for the use of water—occupiers' rates—was fixed in 1866, and is more than double the old scale which prevailed under the contract system at last Settlement. The present rates are as follows:

	0	RAT	E PE	B A	CRE	·.
CLASS.	Свор,	Flo	w.	I	ift.	
I II. III. IV. V.	Sugarcane and gardens Ruce, tobacco, vegetables, and water nuts Indigo, cotton and all spring crops All autumn crops not given above A single watering before ploughing to fallow lands	 5 (3 (2 4 1 1	A. P. 0 0 0 0 1 0 0 0	3 2 1 1	A. 5 0 8 0 10	P. 4 0 0 0 0

The rate for gardens is per annum, the others are per crop: a single watering is called by the people palewá or paleo.

Well lands.

There are 2,088 irrigation wells in use in the district, and 639 ont of use. Of the wells in work, 1,511 are in the Jhajjar tahsil and 340 in Sampla; 1,793 are lined with masoury, and 275 are simply dug in the earth. A very great number of the wells have been snnk since 1860; and an area of 4,300 acres attached to 372 wells is at present exempted from assessment at well rates under the cover of protective leases. They are all worked by the well-known system of the bucket and rope (láo and charas); no Persian wheels are found in the district, although they could be certainly used in the flooded tracts. As most of the irrigation wells are situated where water is near the surface, the average depth to the water in them throughout the district is only 27 feet. as compared with 52 feet, or nearly double, in drinking wells. There are a few wells fitted with four and three backets, but these are rare; nearly one-fourth of the wells have two buckets, the rest are worked by a single one. The unlined wells are generally of larger circumference than the masonry ones, in order to prevent the water spilling on their sides. They are of three kinds, and nearly all in the Jhajjar tahsil. The first kind consists of those which are strengthened by a wooden frame-work down below, as well as by wattling of farásh boughs: these are called kothawálás, and will last 15-20 years; they cost Rs. 60-70. The second kind have wattling only, and are termed jhárwálás; they cost Rs. 25-30, and last ten years. The third class have no protective lining of any kind, and are called galawálás; they are few in number, cost Rs. 15 each to excavate, and last, if there is no extraordinary rainfall, for five years. A large number of unlined wells used to exist in the Gohana tahsil (and no doubt in Sampla also), as is shown by the returns of the

Unlined wells.

first Revenue Survey in 1825-30; but as the canal irrigation extended these fell in, or else fell out of use. The water in wells affected by canal irrigation has risen enormously since the canal was restored; and there is found in some wells of the low-lying canal villages 50—60 feet of water, showing how far the natural level was once below what it now has artificially become. In some villages which lie along the course of the old Kasháoti naddi in Jhajjar, the depth of the water from the surface has become greater since the floods ceased to come down. The masonry wells in the south-east corner of Jhajjar are made of stone, procured from the little hills on that side; elsewhere they are lined with bricks; in the villages for miles round Mohan Bári, the materials for lining wells have been dug out of the old site there. The stone wells of Koslí are remarkable for their very small circumference, and their water for its qualities; the people call it nectar (amrat ká páni). The wells in use, and out of use, are classified as follows, according to the quality of their contents :--

No. of wells. Sweet-water 1,310 Malmala ,, 546 ••• Matwalla " 39 Bitter " (shor khára) 604 Salt water (shor kallar) 228 Total 2,727

Nearly all the wells out of use belong of course to the last two classes; salt water wells include those of the Agris for the manufacthre of salt. The sweet wells are found principally in the naturally flooded tracts, which thus have a great advantage over the other portions of the district. Few of the wells are naturally sweet; they are made so and kept so by the tanks and floods of the streams. land irrigated by the bitter wells has to be changed every year or two years, in order to avoid the excessive development of reh efflorescence; this system of change is called sál-palat. Salt efflorescence is present in considerable quantities in the Rájpút estates in the south-east corner of Jhajjar, and again in a few villages above Gúriání and round Bhurawas. The irrigated area per well throughout the district is 10 acres, and in the Jhajjar tahsil 12; about two acres more of irrigable land are attached to each well; the area irrigated by each wheel is about 8 acres. The special system, which prevails among the Ahirs, of each sharer working the well year by year in turn, has been noticed in Chapter III, Section C, page 67. About 5,000 pairs of oxen are required to equip the wells of the district fully, and only about 125 pair of this number were found short at the time of Settlement measurements. The cost of masonry wells for irrigation varies from Rs. 400 in the naturally flooded circles to more than twice as much in the rain-land tracts of the northern tahsils; the average cost of a complete well is about Rs. 600. In the Sahibi depressions, dhenklis, or levers with pots attached to them, are used by village menials to water little plots of land; the zamindárs themselves do not use them. There are 1,173 drinking wells (panghat kά kúά), in the district, of which 1,115 are lined with masonry, and 946 sweet; they are nearly always sunk on the edge of tanks, and their water ceases to be sweet as soon as these dry up; but except in some Jhajjar

Agriculture.
Unlined wells.

Water of wells.

Drinking wells.

Agriculture.

Chapter IV, A. villages and a few on the west border of Rohtak, the people are not, as a rule, badly off for drinking water. Curiously enough, nothing will induce them to drink the canal water, which is really far purer than that in the wells of the canal villages. There are about 500 village tanks in each of the four tahsils, but those in Jhajjar are poor and inferior, except along the northern border.

Cultivation in the flood depressions.

There is little to be added to the account of cultivation in the naturally flooded tracts, and round the Najafgarh jhil, written in 1838 by Lieutenant (Sir H.) Durand: "The villages on the jhil are dependent upon its supply for the irrigation of some of their most valuable lands, viz., those bordering the jhil. Experience has acquainted them with the ordinary height of the water, and thus enables them by careful attention to the levels selected for the purpose, plant sngarcane in February and March, with every prospect of a rich crop in December. In the month of November the main line and both branches (those to Bupániah and Buhádurgarh) are thus fringed with fields of sugarcane. Such ground as is favourably situated with reference to the jhil, but not occupied by the sugarcane, is that first prepared for the rabi. The water expended in its tillage, and by evaporations, lays bare a certain portion more, which is immediately ploughed up and sown. For the purposes of facilitating the irrigation of the sugarcane, and of the lands first sown with wheat and gram, short cuts are made from the lower levels as far as the sugarcane levels; beyond this, cuts hardly ever extend. The higher and more retired land produces the usual báráni crops." These cuts are only dug, of course, where the water remains permanently all the year round; they are most commonly made use of in Kót Kalál, Jehángírpúr and Súrah. To meet the peculiarities of cultivation in the depressions, the fields are formed into long strips (pattis) running down from the higher lands into the water; thus every field benefits or suffers equally from the rise and fall of the floods. The water is lifted from the cuts and thrown into the fields themselves or into ducts to the fields by two or more pairs of baskets (chháj). The wells are situated above the level of the floods, along the edges of the depression in Jhajjar: in Bupaniah only do they extend right across it. The crops of the depressions are often very luxuriant, and trememdons tales are told of the yield of certain favourable years, especially in Yakubpur. An area of 1,289 acres remains permanently under water all the year round; usually the floods dry rapidly elsewhere, and enable a large spring erop to be sown. In consequence it was not thought necessary to put any of the flooded villages under a fluctuating assessment, as has been done in a few cases in Delhi and Gurgáon. It is true that in years of unusual rainfall, such as 1875, some thousands of acres remain submerged from 6-8 months together, and in that year some of the villages were entirely cut off from all connection with others for whole weeks; but in such cases the sugarcane crop repays twice over the loss caused. The water in the depression is held up by the Bádlí band constructed by Nawab Faiz Mahammad Khán; the band is an earthwork of some dimensions with four small masonry sluices in the middle, which allow the floods to pass on.

Rain-lands.

Irrigation from tanks is never practised: the people have religious

prejudices against this. Shallow cuts (ágam) are made from the jungle lands to the fields, to guide the rain-water to the latter, and low-lying plots are highly prized. "What can the enemy do to the man whose friend is the magistrate, or whose field is in low ground." The unirrigated lands of the district form 86 per cent. of the cultivated area; the importance therefore of a full and timely rainfall for the Harriana country may be seen at a glance. the rain is satisfactory, the soil produces most luxuriant crops, and sometimes most astounding ones; the people talk of a single acre of jour producing a yield of 40 to 60 maunds in some years. The autumn crops on rain-lands are joar and bajra, with pulses sown below them; the spring harvest consists of gram and a little sarson, and in years of good winter rains, of some extent of barley.

The soil, though freely cropped, shows no signs of general exhaustion, call it old and worn out though the people may: the nure, fallows, rofamines cause enforced fallows at intervals, and the crops of the following season are always more luxuriant than usual, if rainfall is sufficient. No such system as that mentioned by Mr. Channing in his Gurgáon Report, of exchanging blocks of lands periodically (pánáh palat), exists in any village of the Rohtak district. The number of ploughings which the soil undergoes are as follows for each crop:—Pulses and poor grains 1 or 2, gram 2 or 3, joár, bájra, rice 2 or 4, cotton 4 or 6, wheat and barley 5 or 8 sugarcane 5 or 10. The ploughing is done very effectually, the whole soil being finely pulverised and no clods left in it. Manure is not used except in irrigated lands; sugarcane requires an immense deal, and rice must have manure also; most of the rest goes to the wheat and cotton. Canal lands receive more mannre than well-lands, the object being to counteract the greater coldness of the canal water. Fallows proper are not practised: the pressure of population and the division of property are perhaps too great to allow this. For rainland cultivation the agriculturist generally sets aside over two-thirds of his lands for the antunn crop, and somewhat less than one-third for the spring, and the land gets rest till the season for which it is kept comes round again: if there is heavy summer rain. the whole area will perhaps be put under the autumn crop, and in that case no spring crop is taken at all. These arrangements are due to the nature of the seasons, rather than to any care for the soil. On lands irrigated by wells and canals a crop is taken every harvest, as far as possible; the floods of the natural streams usually prevent any antomo crop, except sugarcane, being taken on the lands affected by them. Rotation of crops is acknowledged and followed. in a very imperfect way only, and for the sake of the crop rather than the soil; after cotton, gram and barley are generally sown; after rice and indigo, gram; after joar and bajra, wheat and gaochni on irrigated lands, and gram on unirrigated; before and after sugarcane a grain crop is usually taken.

The following description of the use of mannre, and the system of rotation of crops, as practised in the district, was furnished for the Famine Report of 1879 (pages 249-250):—The following figures show the percentage of cultivated area, which is manured—

Chapter IV, A. Agriculture.

Rain-lands.

Ploughings, matation,

Chapter IV, A. Agriculture. Ploughings, manure, fallows, rotation.

	Constantly manured.	Occasionally manured.	Not manured.	Total.	Percentage of pr vious column, which bears two o more crops annual	r
Irrigated land Unirrigated land	 11 15	56 23	33· 99·62	100 100	Irrigated 8 Unirrigated 9	3·5)·
Total	 2	7	91.	100		

The average weight of manure given to the acre per annum, on land constantly manured, is 600 maunds. And on land occasionally manured, 450 maunds, as a rule, every third year. The following Statement shows the usual course of cropping:—

No.	DESCRIPTION	DESCRIPTION OF CROPS.								
Serial	OF SOIL.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.			
1 2	Cháhi Do	Joár, Bájra Cotton	Barley, Wheat.	Joár, Bájra Bájra Mung, Másh.	Barley, Wheat Duto	Joár, Bájra Ditto	Barley. Wheat Ditto			
3	Canal	Joár	Ditto	Joár	Barley, Wheat Gram.	Joár	Ditto			
4	Do	Engarcane		Sugarcane			Ditto			
5		Joár	Barley, Sarson.	Múng, Másh and Joár.	Barley, Wheat	Joár, Bájra.	Gram, Sarson.			
6	Do do	Cotton	Gram	Ditto	Ditto	Ditto	Ditto			
7	Do.not manured			Ditto	*****	Ditto	Ditto			
8				ave in good ra	inv seasons.		27000			
9		0-11		Joar, Bajra			Barley, Wheat			
10		Sugarcane			Barley, Wheat	Joár, Másh.				

Unmanured báráni lands, save in good rainy seasons, yield one crop only, and therefore have much rest. As a rule, irrigated land receives no rest, save in the case of cotton and sugarcane, when during the rabi the land is at rest. When land has given crops each harvest for three years consecutively, it is allowed to remain ekfasli for a year or two.

Average holdings. Distribution of crops. The area which each cultivator holds in canal-circles is 5 acres, in well circles 9 acres, and in purely rain-land tracts, $7\frac{1}{2}$ acres. The distribution of the crops of each cultivator over these holdings may be put with approximate correctness as follows:—

	Rain-land.			Well.		Canal,	
Joár Bájra Gram	•••	4 2 1	Joár, B Cotton		Acres $3\frac{1}{2}$ 1 $4\frac{1}{2}$	Joár Cotton Sugarcane Wheat	 1 1 0 1 2 2
	Total	!	1/2	Total	9	Total	 5

No one, except a fairly well-to-do man, can afford to cultivate sugarcane; in the majority of cases, therefore, another half-acre would be found under cotton instead. The number of full-grown male cultivators who go to plough is little less than three (2.82); the area per plough throughout the district is 20 acres, and comprises one holding and a third; the area per plough is lowest in Sámpla—17 acres, and highest in Rohtak—23 acres.

^{*} Defasti means that which bears two crops, and ekfasti that which bears one crop per annum.

c	rop.	1880-81.	1881-82.	
Kangní			297	19
Mattar	•••		206	13
Másh (Urd)	•••		9,399	1,086
Múng`			12,820	2,518
Masúr	•••		200	51
Coriander			24	11
Chillies	•••		72	25
Other drugs	and spices	[102	269
Mustard			5,755	1,347
Til	•••		1,926	382
Tára Míra			55	4
Hemp			878	467
Kasumbh			170	12
Other crops			34,640	30,264

Table No. XX shows the areas under the principal agricultural staples. The remaining acres under crop in 1880-81 and 1881-82 were distributed in the manner shown in the margiu. The figures given below show the areas under the several crops as ascertained at the recent Settlement Survey:—

Chapter IV, A.

Agriculture.

Principal Staples.

Harvest.		Свор.				Arra in
		Vernacular Name.		English Name.		ACRES.
I.—Autumn	—Autumn	Joár Bájra Moth Múng Másh or Urd Gwar Dhán Bárí or Bun Ikh		Great millet Spiked do Pulse " Rice Cotton Sugarcane Indigo		371.826 260.793 10.278 1.421 691 12.099 4 327 44,126 14 908 1,387
II.—Spring		Gebún Jau Channá Gochní Gojra Bejar Tambáku Sarson Tarkári		Total Wheat Barley Gram Gram and wheat Barley and wheat Barley and gram Tobacco Rape seed Vegetables		721,856 35 845 19 949 107,418 17,318 661 1,410 1,473 645
				Total	***	184,889
				GRAND TOTAL		906,745

Besides the above crops, an area of 2,243 acres, or 0.24 per cent. of that occupied by them was found under some 20 kinds of miscellaneous produce, which need not be detailed here, one-fourth being under fodder. The above area includes revenue-paying lands only, and the total is made up by the lands under double crops, which, however, have been returned at far below their real mark. The cultivation of opium, it may be noticed, is not permitted in the Hissár division. The large area sown with wheat and gram mixed is peculiar, perhaps, as is the small amount of land under rape seed and pulses,—the latter, however, are grown largely at the foot of bájra and joár. The gram area is much below the true one; this is chiefly due to incorrect record at Settlement measurements, owing to a misunderstanding of the orders issued on the subject; but little gram is grown in Jhajjar. On the other hand, nearly all the barley is cultivated round the wells of that tahsúl and the greater

Chapter IV, A.

Agriculture.

Principal staples.

portion of the moth and bajra (Jakhar ka des, Jahan moth bajra hamesh): little cotton, however, is found there. The pulse, gwar, is grown principally for fodder, and is but little eaten. Indigo cultivation is also below the real mark; it is grown for seed only. The sugarcane area is considerable—half of it is in the Gohana tahsil, where also nearly all the rice is found in the bed of the Nai naddi. The cotton area is equally divided among the three northern tahsils It is the only crop that ever gives a double yield; that of the second year is said to be better than that of the first, but all the same it is not usual to leave the plants in the ground for a second season. Tobacco and vegetables occupy in our returns a less area than they do in reality; the latter are grown almost entirely at the Jhajjar wells, and chiefly by Ahírs and menials; the Játs seem to consider the cultivation of vegetables derogatory to them. Indigo did not exist in the district in 1838; the sngarcane area was under 2,000 acres, and there was little wheat, compared with what there now is. The proportion of the chief crops to the whole cultivated area is much as follows: Millets, 69 per cent. (high); gram, 12 per cent. (low); wheat and better spring grain crops, 8 per cent.; cotton, 5 per cent.; pulses, 3 per cent.; and sugarcane, 2 per cent.

Cultivation of crops.

Seed.

As regards the soils of the district, with the exception of bájra, which is generally grown in the lightest soils, and rice, which is always grown on clay, the crops are sown in any and all indifferently. sugarcane, indigo, and rice are always irrigated, the wheat and barley usually so, the second, third from the canal only, (roughly speaking), the first and fourth by the Sáhibi floods also, and the barley from the Jhajiar wells. In years of good rain, a large area will be found under cotton; tobacco is grown at the Gohána wells Sugarcane, indigo, and cotton will never give even a moderate yield, unless fair rain falls on the crop; water applied to the roots alone does not suffice for them. Seed is taken by the less thrifty cultivators from the traders on the terms of paying back half as much again at harvest time: the seed is often very bad and old. One-fifth more than clsewhere is usually needed in the lighter soils. There are not many varieties (of seed) in the Rohtak district, -as a rule, one kind is well known, and generally used. The wheat is of two kinds. red and white, the latter the more costly; the rice is of three species. - Sunipati, which is white and fine; hansráj, which is white and coarse; and sánthi, which is red, small and coarse, but far the most commonly sown. Jodr, which hangs its head, is called lámpa: it is the best and sweetest kind; jogíyá is the red drooping joár; and dholí, white joár which grows with head erect. The bájra, commonly sown on bhúr soil is the bágri other kinds are the chindausi and dezwal, the last of which is marked by the smallness of the ears. Of másh three varieties are commonly used: the black, green and úrdi, which is a small black species that ripens very rapidly; gwár is called arak and deswál the former is poor and grows here and there in a wild state, when it is called ráná. A great deal of the joár and bájra is grown for fodder only; at measurements sufficient attention was not paid to the distinction between fodder and grain crops. Nearly the whole

Fodder crops,

of the $gw\acute{a}r$, $\frac{1}{8}$ to $\frac{1}{4}$ of the $jo\acute{a}r$ and $b\acute{a}jra$ crops, according to the season, and $\frac{1}{13}$ to $\frac{1}{13}$ of the gram crop, is either cut before it is ripe, or else is actually sown and grown as fodder. Green food in the shape of young wheat or barley is rarely given to the cattle, and turnips are nowhere grown for their use.

Chapter IV, A. Agriculture.

All the crops of the district are of good quality, but none Well-known crops. except the Kasendi tobacco has a special reputation outside. Locally famons is the red wheat of Silánah (Sámpla). Kulási and Láth, and the white wheat of Máhrah and the villages round Janli in Gohána. Barley is best in Koslí; rice in Malımúdpúr and Gohána; bajrá in Nauganwah and Bir Birkatábád; másh in Daryápúr, and múng in Dighal. The cotton of the Sámpla villages, which are naturally flooded, and of the estates round Barodah in Gohána, is the best of its kind; and sngarcane of the first class is grown in Busánah, Sarsádh, Mahmúdpúr, Rohnah, Gopálpur and Sisánah, and among the naturally flooded villages at Bahádurgarh, Súrah and Jahángírpur.

Diseases of crops.

The evils and diseases which attack the crops, and spoil their yield are many; but this again is unfortunately a subject on which there is little exact information available, though much that is general. A large number of ills caused by worms and caterpillars, and which it would need much study to identify, are put forward by the people. The rust (kúngí) on wheat and barley is well known, and a similar disease attacks other crops. Frost is the enemy of sugarcane, cotton, and gram; hail often damages the wheat and barley just as it is ripening; strong winds hurt the spring produce, and hot winds the antunn. Deer, hedge-hogs, and above all, monkeys, as regards the sugarcane, are a perpetual source of trouble and mischief to the people; and the whole air seems to have become alive with birds at the time when the crop ripens. Swarms of locusts are not uncommon, but they either kindly pass on south, or if they stay, settle on the sand-hills and deposit their eggs there, where it is comparatively easy to destroy them.

Average yield.

Mr. Fanshawe states that the yield is pretty constant through- Production and conout the district for each kind of soil, and gives the general sumption of food estimates shown in the margin.

	Grain.		SEEES PER ACES			
	Grain,	Irrigated.	Unirrigated			
Jawár				280		
Bájra			l	220		
Gram	•••	••		450		
Moth	***	••		240		
Múng		•••		200		
Wheat	•••	•••	580	360		
Barley	•••		560	320		
Gochni	•••		640	480		
Rice	***		640			
Cotton	***		240	160		
Sugarcane	•••	•••	1,600			

Table No. XX1 shows the estimated average yield in lbs. per acre of each of the principal staples, as shown in the Administration Report of 1881-82. The average consumption of food per head has already been noticed at page

49. The total consumption of food grains by the population of the district as estimated in 1878, for the purposes of the Famine Report, is shown in maunds in the margin.

Chapter IV, B.

Live Stock. Average yield. Production and consumption of food grains.

Grain.	Agriculturists.	Non-agricultu- rists.	Total.	
Wheat Inferior grains Pulses	1,867,833	981,177 55,278 345,485	981,177 1,923,111 728,053	
Total	2,250,401	1,381,940	3,632,341	

The figures are based upon an estimated population of 536,959 souls. On the other hand the average consumption

head is believed to have been over-estimated. A rough estimate of the total production, exports, and imports of food-grains was also framed at the same time; and it was stated (page 151, Famine Report) that there was an annual surplus of some 16 lahks of maunds available for export to the principal marts in the Hissar and Gurgaon districts composed as follows; Jovár 4 lakhs, barley 3 lakhs, gram 6 lakhs wheat 27 🕽 lakhs; miscellaneous 🤰 lakh.

SECTION B.—LIVE-STOCK

Table XXII shows the live-stock of the district as returned in

Cattle.

Of Agriculturists. Of Non-agriculturists. 97,036 Horses 4.237 214,853 Asses ... 11,888 the Administration Report. According to an enumeration made 1875, by Settlement officials, the number of cattle in the district as shown in the margin.

Bullocks Cows Buffaloes 105,540 Camel 2,426 Bulls 1,545 Goats and Sheep ... 47,119 Pigs 8,041 Total... 418,974 ... 73 684 Total

The number of bulls and buffalo bulls is obviously much under the mark, but as these animals belong to no one in particular, and stay out in the fields or jungles at night, this result is not surprising. The number of camels is also too low, but many of these owned in the district may no doubt have been absent carrying elsewhere at the time of the enumeration: the incorrectness of the account of the pigs is not very important perhaps. The number of cattle of agriculturists gives an average of about five to a house; but as very few are found in the towns or with certain classes, such as Afgháns and others, the actual number owned by each Ját family is nearly double this. Unfortunately the district no longer contains all these cattle. The drought of 1877-78 was the most disastrous, in point of loss of stock, which ever occurred in Rohtak; and by

Bullocks Cows Buffaloes		 Number. 59,281 130,772 50,568
	Total	 240,621

deaths, or sales, or transfers. the cattle of the people were so reduced in numbers that when an enumeration was made in May 1878, the survivors were found to be as in the margin.

showing a loss of 176,808 head of cattle. These figures were confirmed by a second enumeration, made in November 1878, of the oxen and the cows in the district, and which showed the numbers to be-oxen 64,050, cows 119,767; the increase in the oxen was chiefly due to a different method of fixing the age of calves from that formerly used, and perhaps in part to purchases of new animals

Losses of 1877-78.

for the sowings of the spring crop of 1879. Some of the animals found missing in May and November may, no doubt, have been away in the Siwalik hills, but there is no reason to believe that any great numbers were there. The loss one way or another was at least 150,000 head, of which number perhaps one-third were sold at nominal prices. This calamity was due simply to the drought. It is the practice in the district to stack large stores of fodder in order to provide for a five months supply of food to the cattle yearly, and as a safeguard against seasons of drought; but the antumn harvest of 1876 had not been a very good one in this respect, and in 1877 not one single unirrigated field of joár or bájra came to matnrity. The stocks of fodder, which were already low, soon became exhausted; grass entirely disappeared; and such of the weakly cattle as could not be sold, were left to die of simple starvation. The loss to the people was very severe, and it will be years before it is fully recovered. The evidence of its reality depends on no mere enumeration only; the dead animals cumbered the ground round the villages, and carcasses were scattered everywhere in the fields. It is an ill wind, however, that blows nobody good; and all through the year of 1877-78 the chamárs and other menials lived royally on the dead animals; without that supply they would have been dying of starvation themselves.

The oxen and cows of Rolitak district are of a very good breed, and particularly fine in size and shape. A touch of the Hausi strain probably pervades them throughout. The oxen of the villages round Berí and Jeházgarh have a special reputation, which is said to be due to the fact that the Nawab of Jhajjar kept some bulls of the Nágór breed at Chluchakwás and allowed the cattle of the surrounding villages to have recourse to them. The breed is called after Bondh, a village in the Dádri iláka, not far from Jeházgarh; and is small, hardy, active, and hardworking. The breed is said to have fallen off since the confiscation of the Jhajjar State. A fairly wellto-do Ját will have 8 or 10 head of cattle of kinds, small and large, in his yard, and these will yield him about four cart-loads of manure yearly. The people realise large sums from the sale of cattle and manufacture of ghi,—the income from the former for the whole district has been put at 8 lakhs of rupees yearly, and from the latter at 1½ lakhs. The zamindárs have a practice of selling their oxen after one crop has come up, and buying fresh ones for the next sowings. thereby avoiding the expense of their keep for four or five months: this custom is peculiar to the Delhi territory. An ox is called bachra for the first two years of his life, then bahrá for two years more, after which he is a full-grown baladh and is put to work: if taken care of, he will be fit to labour for ten years, after which he becomes old, and is called dhándá. The oxen are emasculated at the age of about 24 years by the chamars, who follow the usual Eastern practice of destroying the parts by blows from small sticks. A pair of fine oxen in full strength and vigour will ordinarily cost Rs. 80-100: at present, owing to the recent losses and the drain for carriage for the Kábul war, it is quite possible that prices are very much higher than A cow bears names corresponding to the males till she is four years old, and has her first calf, when she becomes a gár. Where

Live Stock.
Losses of 1877-78.

Breed of cattle.

Oxen.

Cows.

Chapter IV, B.

Live Stock.

Bulls.

she is well looked after, she will bear five or six calves, and live 18 The average yield of milk is about five seers a day. A good cow costs Rs. 20-25. The bulls of the country side are not all good. A large number of inferior animals, who have been released as an act of piety, are allowed to wander about the villages, and old bulls are left to mingle with the herds long after their prime of life has passed. As they belong to nobody, nobody looks after them, but as they trespass in the fields and pilfer the crops boldly on all sides for themselves, they are generally in fair condition. There are altogether in the district twenty Government bulls, distributed as follows: tahsíl Sámpla 4, tahsíl Rolitak 3, tahsíl Jhajjar 4, tahsíl Gohána 9. They have been supplied by the Hissar cattle farm and are of the Harriana breed which is the only description that has found favour, with some leading agriculturists of the district, but they nearly all died, and the experiment has not been repeated. Buffalo bulls are not common; most of the male calves are sold to dealers who take them to Sirsá and elsewhere where there is a demand for them. A young male buffalo is called katra for two years, and theu for two years more jhotra; after four years of life he reaches the dignity of a full-grown bull-jhotá or bainsa. The cow bears her first calf when 41 years old, and will produce six or seven in all; her cost is about Rs. 45. An old buffalo is called khola. The Rohtak buffaloes are fine animals. and, owing to the presence of the tanks, are found almost in as large numbers in many rain-land villages as in the canal estates. of the villages round Butánah and Nidánah (Rohtak) are famous for their breed.

Buffalo bulls.

Buffalo cows.

Horses.

Asses.

Camels.

Goats and sheep.

Most of the so-called horses are the merest ponies, and belong to barbers, traders and religious mendicants. Till quite recently, no village headmen used to possess horses: a few, however, have now begun to display equestrian tastes. As has been already remarked. the Guriani Pathans were once famous horse breeders, but of late years they have found the occupation almost unprofitable, and they are generally abandoning it. There is hardly such a thing as an animal of good blood in the district; but since 1877 there have been three Government stallions at head-quarters which are freely resorted to by the owners of mares, and an improvement of the country strain may therefore be looked for. A colt is called bachera, and a filly bacheri, till three years of age. The asses belong entirely to the potters; they are of poor breed, wretchedly fed, and cruelly overworked; an ass costs Rs. 12 to Rs. 15. The camels are owned chiefly by a class called Rhabáris; they rarely belong to Játs except in Matanhel (Jhajjar), and a few other villages. A camel is called bota or boti till it can carry a burden, and then únt or úntni. The female bears after five years, and will produce six or seven young up to the age of twenty-five, and will live for thirty-five on forty years. A fullgrown camel costs Rs. 70 to Rs. 90: they are employed chiefly in carrying sugar, salt, and cotton to and from Bhiwani and Rewari, and places in the Gangetic Doab, which is called by the Rohtak people Miyan Dáb=darmiáni doáb. The goats and sheep (bher) are owned, as a rule, by the village menials: in a few Jhajjar estates and round Chándi in Rolitak, the zamíndárs also keep them. The females produce usually four kids, one at a time; lambs are called bhedi, kids

pát or pátaira. The butchers of the towns and Musulmán villages bny up the animals for slaughter. The wool of the sheep is cut twice a year-in April and October; the annual yield of wool of a black sheep sells for four-and-half annas, and of a white sheep for about six annas. The skins and flesh of animals which die in all villages belong by custom to the village chamárs; the sweeper class receives one tenth share of the flesh, and takes the hides of horses, donkeys and camels. A good skin of a cow or ox is worth Rs. 5 unprepared, and Rs. 9 when tanned, and the skin of a buffalo Rs. 7 and Rs. 12; poor skins are worth much less. The shoes which a chamár has to supply to a family during the year are worth about Rs. $3\frac{1}{2}$. Cattle poisoning for the sake of the skins is happily rare.

Cattle disease, i.e., rinderpest, is nuknown, and foot-and-mouth Diseases of cattle. disease is rare; the commonest evils are staggers, colic, and scab; a few deaths are caused annually by snake bites on the tongues of browsing animals. The usual cures are drenches of kinds, in which pepper and oil play a prominent part, and branding also is freely resorted to; but the chief reliance of the people is placed on the efficacy of charmed tags hung over the entrance of the village. The cattle are very much neglected in many ways. They are left to stand in filthy enclosures, ankle-deep in half liquid manure, and, as a rule, except for chopped fodder, they are allowed to shift for themselves; the wiser agriculturists will give the oxeu chopped sugarcane or a little green wheat occasionally, but this is not common: the buffalo is perhaps better tended than the other animals are. The extensive breaking-up of land which has taken place since 1840 has greatly restricted the grazing grounds of the villages; the present fodder-supply grown in the fields is not much more than sufficient for the yearly consumption of the cattle, and leaves but a small margin out of which to provide for against seasons of drought; and in many canal estates difficulty is already being experienced on this score. But few decent sized stretches of village jungle now exist anywhere, and our policy of giving proprietary grants has cansed the reduction of more than half of the area of the Jhajjar and Bahádurgarlı preserves. In 109 villages grazing-fees are taken from the non-proprietary body,—chiefly in the Gohána tahsíl. These fees are usually Re. 1 per buffalo or camel per annum; 8 annas per ox, cow or horse; 4 annas per calf; and 2 annas per goat.

A great fair for the sale of cattle takes place twice a year, in Jehazgarh cattle-September and March, at Jehazgarh; the average yearly number of cattle attending both fairs since 1871-72 has been nearly 38,000, of which about half are generally sold, largely because of the custom mentioned on page 98. Till 1871-72 the fees from the fairs were farmed, and in that year they realised Rs. 8,000: since then they have been collected as head-fees on each animal exhibited for prizes, and on one occasion only, has the sum realised exceeded Rs. 4,000; Government has now sanctioned their levy by a precentage on the price of the animals sold according to the practice at most Punjab fairs. The prices prevailing at the fair are generally low, many inferior animals being offered for sale, and the cultivators being desirous in many cases to be rid of their stock. The spring fair is slightly the larger of the two.

Chapter IV, B. Live Stock.

Skins.

Grazing.

fair.

Chapter IV. C.

Occupations. Industries and Commerce.

Horse and mule breeding operations and horse-fairs.

The Rohtak horse fair was started in 1882, and the first fair was held on 30th October that year at Rohtak under sanction of Punjáb Government letter No. 651 of 30th June 1882. Owing however to this date clasbing with the Batésar fair, the Rohtak Horse Show will commence in future on October 20th. The average number of animals in the last two fairs was 388, and average number sold 12.

The prizes offered in 1882 were Rs. 400 and in 1883 Rs. 350, the latter from Imperial revenue only. There are about 200 branded mares in the district; the donkey stallions are available without mares

Rohtak Gohána Jhajjar		•••	Hors 3 1 0	e. Do	nkey. 1 1 1	being branded. There are now four horse and three donkey stallions in the district sta-
tioned	as	shown	in the	margin.	Of	the borses two are thorough-bred

English, one an Arab, and one a Norfolk trotter.

The donkeys are Italian or Arabian breed. No runs have as yet been established for the produce, which are allowed to go about with their mothers for the first year, and the colts are then generally sold to dealers and the mares kept for breeding. There is one salutri at present trained at the Lahore Veterinary College. He is a native of Owners do not as yet appreciate the advantage of gelding their yearlings, which are picked up by dealers, as noted above, but it is trusted that the offer of prizes for geldings at the show and the appointment of a ziladar may effect a change. Horse breeding is as vet in its infancy in the district, but the stock of brood mares is good, and a great improvement in the stock will be noticeable in two or three years time.

SECTION C.—OCCUPATIONS, INDUSTRIES AND COMMERCE.

Occupations of the people.

Table No XXIII shows the principal occupations followed by males of over 15 years of age as returned at the Census of 1881. But the figures are perhaps the least satisfactory of all the Census statistics, for reasons explained fully in the Census Report; and they must be taken subject to limitations which are given in some detail in Part II Chapter VIII of the same Report. The figures in Table No. XXIII refer only to the population of 15 years of age and over. The figures in the margin show the distribution of the whole

Population.	Towns.	Villages.
Agricultural Non-agricultural .	36,761 62,701	263,745 190,402
Total	99,462	454,147

population into agricultural and nonagricultural, calculated on the assumption that the number of women and children dependent upon each male of over fifteen years of age is the same. wbatever his occupation. These figures.

however include as agricultural only such part of the population as are agriculturists pure and simple; and exclude not only the considerable number who combine agriculture with other occupations, but also the much larger number who depend in great measure for their livelihood upon the yield of agricultural operations. The Settlement classification by occupation is given in Chapter III (pages 57, 58). In it the population was divided into 3,56,266, or 64 per cent. agriculturists and 197,051, or 36 per cent. non-agriculturists. The arrangement

in classes further shows about 58 per cent, engaged directly in agriculture, 27 per cent. in ministering directly to the wants of the agriculturist—some 9 per cent. in trade, and about 7 per cent. in miscellaneous occupations. More detailed figures for the occupations of both males and females will be found at pages 79 to 87 of Table XIIA, and in Table XIIB of the Census Report of 1881. The figures female occupations, however, are exceedingly incomplete.

Table No. XXIV gives statistics of the manufactures of the district as they stood in 1881-82. The method of salt manufacture tries and manufachas been described in Chapter I (pages 10,11), and also at page 76 of Mr. Powell's Punjáb Manufactures, while the production of saltpetre is described at page 80 of the same volume. The only manufactures which have any celebrity outside the district are the pottery of Jhajjar (described as the best nuglazed collection of the Province in the Exhibition of 1864); the saddlery and leather work of Kalananr, which is dying out; the muslin turbans interwoven with gold and silver thread; cloth of a peculiarly fine texture called tanzéb, a body adorner; and a sweetmeat called réóri of Rohtak; the hand pankahs and hackeries of Bahadurgarh and the woollen blankets of the district generally.

Mr. Lockwood Kipling, Principal of the Lahore School of Art, has kindly furnished the following note on some of the special industries of the district :-

The Panjáb has never been famons for very fine cotton mannfactures, and the tanzeb muslins of Rolitak are probably the best produced in the province. Major Parker reports that the manufacture is limited to one family only, and as the article is but little known the demand for it is small. He also repeats the expressions of regret for the probable extinction of a characteristic handicraft that have so often been heard in reference to many Indian industries. The struggle to keep hand-loom weaving alive seems a hopeless one. The abolition of the cotton duties at Indian ports is said to have made a considerable change for the worse and the wonder is that so much still survives.

Dyeing is a speciality of Jhajjar. Colonel Harcourt, when Deputy Commissioner of Rohtak, took great pains to have this interesting subject well represented at the Panjab Exhibition, and sent carefully arranged examples of all the colours produced. The series was a remarkably full one, considering that all the materials were of Oriental growth. For the Calcutta Exhibition Mr. H. W. Steel collected a number of recipes for dyeing in use here, which are of interest as giving authentic information on a subject which is not the less obscure for being usually spoken of in terms of exaggerated admiration. There is real reason for regret that the cheapness with which Germany and England can afford to sell aniline colours, the ease with which they can be applied, and their metallic brilliance must in the long run make them prevail over the duller tints of the Indian dye-vat. But while regretting this, it must in fairness be admitted that the ontery against aniline colour is not always intelligent, for really beautiful dyes can be made from it; and cloth so dyed is unsuspectingly worn by many who denonnce it unsparingly. The truth is the natives of this country have quite

Chapter IV, C.

Occupations. Industries and Commerce.

Occupations of the people.

Principal industures.

Muslins.

Dyeing.

Occupations, Industries and

Commerce.

Dyeing.

another idea of colonr than that with which they are credited. Unerring taste, severe harmony, and a perfect eye for colour are universally attributed to the Oriental. Some grounds might be given for the contention that the masses of the people, though they have a passion for bright colour, have no taste. The educated Hiudú of to-day takes an especial delight in the most violent and offensive colours that can be found in Berlin wool or aniline dyed silk. He could not be so gratified in former times, because the dver was unable from his materials to produce anything so bright or crude. Mahomedan influence in its best days imposed a sort of reserve and seriousness, but that influence is dying away. Some of the most beautiful colours are now reckoned unlucky or disagreeable by Hindus, whose scale of auspiciousness begins with bright orange and goes through every variety of salmon and rose colour, through scarlets and crimsous to magenta. The greens in popular favour are a violentapple green, and emerald green; and the only blue that is really liked is the raw and crude Chinese blue of Euglish colour makers. Indigo is largely used it is true, but it is scarcely considered a colour, and from the peasants point of view its real use is to hide dirt. Nearly all the tertiary colours, with brown russet and black are neglected. Time, however, has given so perfect a tone to the specimens in Europe by which the Indian colour sense is judged, that no argument can persuade those who do not know the country that a universal love for bright and vivid tints, and not a natural rightness and truth of eye, is the attribute of the Hindú.

Tinsel printing.

Pottery.

Wood carving.

A remarkable variety of tinsel-printing which looks like gold embroidery, and yet is a perfectly legitimate means of decoration is done here. The patterns are large and bold, and in some cases seem to be drawn by hand. The tinsel is more solid in texture than usual, and minute pieces of tinted orsidew are used for the centres of flowers. When done on dark blue or black cloth for pardahs this work is striking and effective and very cheap. It differs from the tinsel printing of other places in being more clear and open in pattern, and a sparing use of the metal lends it an air of costliness which is unusual.

Jhajjar has a reputation for unglazed earthen pottery, some of which is black inscribed with scratched patterns in amalgam. The forms are good and the ware is harder and stonter than usual. No vitreons glaze is used.

Doors and chaukats are well carved at Rolitak as in many other parts of the Punjáb. Surprise is often expressed at the artistic quality of work of this sort to be found in purely rustic districts. A custom of the carpenters' trade is to employ boys at work from a very early age. His real work is to help his father or his ustád in various ways. In his intervals of leisure he learns the use of the carving chisel, and is set to cut zig-zags and other flat ornament on a waste piece of board for practice. From this he advances to a flower and learns to carve enriched mouldings, and is often able to do such work fairly well before he has learnt to saw a board straight or to make a dovetail joint. Children are not thus set to ornamental work in Europe. The English boy is made to "begin at the beginning," and if he learns to carve at all takes it up late. The result is that it is looked upon as a most costly element in English work, and is only met with in the houses of the wealthy.

In former times many of the native cavalry procured their bridles and other leather equipments from Kalánaur, but the leather trade at Cawnpore and other large centres has by its cheapness driven the leather workers of Kalanaur out of the market. Their style is however peculiarly their own, as they ornament the leather with colour sewn in of various kinds, which makes the headstalls and trappings appear very gay and handsome. At a village near Kalánaur, Kharak, a peculiar kind of stamped cloth in gold and silver tinsel is made. It has been adopted for curtains, and several pairs sent to the Calcutta Exhibition were admired and enquired after. Here again the manufacture is at present confined to one family. The district generally is well known for its strongly manufactured bullock carts and hackeries, and many of the doors of the better class of villagers exhibit no small skill in the wood-carving thereon displayed.

trade.

Chapter IV, D.

Prices, Weights and Measures

and Communications.

Minor industries.

There are no statistics available for the general trade of the dis- Course and nature of The exports and imports of food-grains have already been noticed at page 97. No large centres of trade are to be found in the Rohtak district. Beri, on the road from Bhiwani to Delhi, has large dealings in grain, and the export of salt from Zahidpur and Silanali is considerable. But, otherwise, the trade is confined to sending grains, cotton and raw sugar to the local marts of Delhi, Súnipat and Bagpat (or Meerut), by small traders and agriculturists, and to a considerable dealing in hides by the butchers of the chief towns and villages. The exports are carried almost entirely in large carts. for which the Delhi territory is famous. The imports are chiefly cloth pieces, country and Enropean, tobacco, sugar, salt, and hardware. Powindah traders pass through the district in large numbers, during October and November, on their way to Delhi, and return in March. A small surplus of grain, ghi, cotton, sugar and hemp, is exported to Dellii or Bliiwani in Hissar in exchange for cotton and woollen piece goods, spices, iron and copper from down country; for salt, from Gurgáon and the Sámbhar lake in Rájputana, and dried fruits from Afghánistan. Sngar, oil, timber and gram, in small quantities, are imported from the towns of the North-Western Provinces.

SECTION D.-PRICES, WEIGHTS AND MEASURES. AND COMMUNICATIONS.

Table No. XXVI gives the retail bazár prices of commodities Prices, wages, rentfor the last twenty years. The wages of labour are shown in Table rates, interest. No. XXVII, and rent-rates in Table No. XXI, but both sets of figures are probably of doubtful value.

Period. Sale. Mortgage. Rs As. 17 6 19 0 22 0 Rs As 12 12 1868-69 to 1873-74 1874-75 to 1877-78 12 10 1878-79 to 1881-82

The figures of Table No. XXXII give the average values of land in rupees per acre shown in the margin for sale and mortgage, but the quality of land varies so enormously, and the value returned is so often fictitious, that but little reliance can be placed upon the figures.

Chapter IV. D.

Prices, Weights

rates, interest.

Mr. Fanshawe states the results of sales and mortgages between the Regular Settlement and his revision as follows :- "The average and Measures and " selling price per acre to agriculturists was Rs. 13-11-11, and to Communications. "non-agriculturists Rs. 19-3-8; the average of the whole area sold Prices, wages, rent. "being Rs. 15-4-9 per acre, and nearly eighteen times the Govern-"ment revenue assessed. Perfectly accurate details of the selling "price of various kinds of land are not forthcoming: such as there are "put the price of canal land at about Rs. 45 per acre, and of rain-land "at Rs. 12-2-0, but these are below the present mark. The figures may " be shown as follows :--

Tahsi	l	Class of Buyer.		Area sold.	Revenue assessed.	Price realised.
Gohána		Agriculturist Non-Agriculturist		Acres. 1,304 662	Rs. 1,415 1,130	Rs. 29,570 15,445
		Total		1,966	2,545	45,015
Rohtak		Agriculturist Non-Agriculturist	•••	2,588 1,885	1,769 1,158	29,171 27,940
		Total	•••	4,473	2,927	57,111
Sámpla	•••	Agriculturist Non-Agriculturist	•••	724 361	770 488	20,438 16,605
		Total	,	1,085	1,258	37,043
Jhajjar	•••	Agricult urist Non-Agriculturist	•••	4,053 516	3,226 353	39.957 5,858
		Total		4,569	3,579	45,815
Total	•••	Agriculturist Non-Agriculturist	•••	8,669 3,424	7,180 3,129	1,19,136 65,848
		Grand Total	•••	12,093	10,309	1,84,984

"In the Gohana tahsíl the mortgage money per acre is higher "than the selling price; this is due to five-elevenths of the mortgaged " area being canalirrigated, while only one-fifth of the lands sold was "so. In Juajiar the two prices are much the same; in the other two "talisils the latter far exceeds the former. For the whole district the "average selling price per acre is Rs. 1-13-4 more than the mortgage " price. The mortgage figures are as on next page.

Mr. Fanshawe thus discusses the rise in prices between the Regular Settlement and his revision.

Rise in prices.

"The sale and mortgage prices of the last 15 years in the three northern tahsils average Rs. 22-9-10 and Rs. 14-14-8 per acre, as against Rs. 10-3-7, and Rs. 9-12.4 in the preceding three lustres, and in the former case have, therefore, more than doubled. From the Revenue Reports of the North-Western Provinces before 1855 A.D., it would appear that a good deal of land was sold at ahout Rs. 3-4-0 per acre; but these figures are probably not trustworthy. It may be mentioned here that an average price of Rs. 13-13-6 only per acre has been paid for 409 acres of land taken up for public purposes since 1877. Detailed returns of the prices of all important crops for the last 30 years were furnished with the Assessment Reports, and it is unnecessary to do more than refer to the results derived from them here. Between the first period of ten years since the past Settlement was made in 1838, and the last, there has been a rise in prices

Tahsi	i.	Class of Mortgagee.		Area Mortgaged.	Revenue of the Area	Price realised.
Gohána		Agriculturist Non-Agriculturist	·••	Acres. 3 915 1,707	Rs. 6.308 2 947	R ₉ . 1,35,908 58,454
		Total		5,652	9,255	1,94,362
Rohtak		Agriculturist Non-Agriculturist		12,008 13 498	8,134 9,091	87 055 96,556
		Total		25,506	17.225	1,83,611
Sámpla	•••	Agriculturist Non-Agriculturist		5.214 2.248	6,160 2,493	1,16 484 43,832
		Total		7,462	8,653	1.60.316
Jhajjar	•••	Agriculturist Non-Agriculturist		6 661 3.903	6,996 4,275	80 208 43,704
		Total		10 564	11,271	1,23 912
Total	***	Agriculturist Non-Agriculturist		27 823 21,356	27,598 18.80 6	4,19,655 2,42,546
		Grand Total		49,184	46,404	6,62,201

Chapter IV, D.

Prices, Weights and Measures and Communications.

Prices, wages, rentrates, interest.

as follows: the actual increase shown by the rates adopted for valuing the gross produce are lower, as shewn opposite the first column in each case.

	Rise in price from	$oldsymbol{R}$ is a according to rates
Crop.	between 1837-47	adopted for valuing
-	and 1867—77.	the gross produce.
Wheat	38 per cent.	31 per cent.
Wheat and gram	$37\frac{1}{2}$,,	26 ,,
Gram	36 ,,	26 ,,
Barley	35 ,,	$24\frac{1}{2}$,
Cotton	49 ,,	48 ,,
Sugarcane	35 ,,	31 ,,
Joár	42 ,,	37 ;
Băjra	35 ,	20 ,,
Moth	26	19

"It was not possible to obtain figures for the period of ten years from 1827-37, which would be more appropriately compared with those of the last ten years of the expired Settlement. The rise, as a whole, with regard to the crops which are principally sold by the people, may be said to have been one of a third, or 33 per cent. The rise in cotton would be expected to be the greatest, owing to the recent demand for that staple in distant markets, and the increase is naturally the smallest in the case of the coarser grains, which are chiefly consumed by the people themselves, and but seldom sold. It has been seen how largely the better and more valuable crops have been introduced since 1838, which is more or less another way of putting the increase of irrigation, though not entirely so : communications have been greatly improved, and the effect is partly seen in the rise of prices."

The Government standard weights and measures are in com- Weights and meamon use among the people; accounts are sometimes made up with the máp (11 maunds), barólá (2 seers), and matkana (1 seer), but no such actual measures of capacity exist. Their square measure is the kacha bigah, of which three go to a Government bigah, which is equal to five-eighths of an acre. The country kós is about one mile and a quarter; tirua is the distance of an arrow's flight, and golimár that which a pellet from a sling can travel.

sures.

Chapter IV. D.

Prices, Weights and Measures and Communications. Communications.

The ngu	ires	ın	U
Communication	ı.	Mile	8.
Navigable Railways Metalled roads Unmetalled roads		Nil Nil 5	4

The figures in the margin show the communications of the district as returned in Quinquennial Table No. I of the Administration Report for 1878-79, while Table No. XLVI shows the distance from place to place as authoritatively fixed for the purpose of calculating travelling allowance. Table No. XIX shows the

area taken up by Government for communications within the Excepting Hisár, Rohtak is the only district of the Punjáb untonched by a river. The Jamná runs parallel to the eastern border of the district at a distance of 22 to 25 miles. Opposite the Jhajjar tahsil it takes a bend to the east, and is 35 miles distant, while a line from the south-east corner of the tahsil (which comes in 10 miles westwards from the north point) measures 54 miles. graph line is now under construction, the Rewarf-Ffrozpur Railway crosses the west side of the Jhajjar tahsil, the terminus of the branch line to Farrúkhnagar is only one mile from the border of Yakúbpúr, and the diversion to the Múbarikpúr salt pans almost touches the boundary of Fattehpur.

Roads.

The district is well provided with roads, which cross it in every direction. Some 35 miles of road are metalled along the line from Hissar to Delhi, and round the head-quarters of the district and tahsils, and 480 miles of numetalled road are cared for by the district officers. The chief lines of communication, besides the main highway above mentioned, are from (A) Rohtak to (1) Gohána, (2) Beri, (3) Jhajjar, (4) Farmanalı, and (5) Khaklıaudalı for Sunipat, and (6) towards Jind and (7) Bhiwani: (B) from Goliaua to (1) Meliím, and (2) Kharkhaudali, and (3) towards Hánsi, (4) Safidon, and (5) Súnipat: (C) from Beri (1) towards Bhiwani, and (2) to Sámpla: (D) from Jhajjar (1) towards Dádri, (2) Kánaund, and (3) Patandi, and (4) to Farrúkhnagar, (5) Bahádurgarh, and (6) Sámpla: (E) from Kharkhaudah to (1) Sámpla, and to (2) Mándauthí and Bádli. The road of the Customs preventive line, which was removed in 1879, runs athwart the district, from Melin to Bádli, through Kúlánaur, Kánhaur, Berí and Jhajjar, and this will be kept up, although the line has been abolished. The Raja of Jiud's road from Jind to Dadri crosses the west of the Rolltak tahsil by Bainsi and Basanali; and, lastly, a fair road for driving and riding runs up the whole length of the western spoil bank of the Western Jamná Canal. All the roads are usually in very fair condition, and easy for the traffic of country carts, except after heavy rain. The village roads, however (called gondhas), are not good. As a rule, they are about as straight as a corkscrew; they lie below the level of the country, and are consequently badly flooded by rain or by canal cuts bursting; they are perpetually being encroached on, and occasionally a water-course or trench is dug right across them. In the sandy parts of the district, the village roads often end half-way up the slopes of the ridge; and have to be picked up again on the other side. There are bridges on the main canal and over the chief distributaries, but a great many are needed on the minor water-courses, crossing the roads in canal villages and on the canal drainage lines in Sámpla. A fine bridge crosses the Sahibi depression of Jhajjar, where it passed

through the sand-hills above Dúrínáh, and two more, on the Chapter IV, D. Farrúkhnagar road, span the eastern arms of the stream. A bridge Prices, Weights is needed across the depression below Badli, on the village road which and Measures and runs from the north to Farrúkhuagar, and which is much used by Communications. carts carrying fuel to the salt works. The state of the four principal roads is as follows.

This road was formerly maintained from district funds, but has now been placed under the Public Works Department. The portion between Rohtak and Delhi, 44 miles in length, is metalled; and has recently been put into thorough repair; but on the Hisar side only the first teu miles are metalled, and that is now in course of repair; it is however intended to complete the unmetalled portion by degrees, which is that between Madinah and Mehim in this district and from Mehim to within eight miles of Hausi in the Hisar district. There are good bungalows at Baliádurgarh, Rohtak and Mehim: at the first two places there is a khánsama and the bungalows are provided with furniture, crockery, &c., complete, but at Mehim there is at present only a chowkidar, and travellers have to make their own arrangements for cooking. This bungalow is, however, very seldom used except by district officers.

This road is now completely metalled. There is a police resthouse at Kalánaur, 14 miles from Rohtak; it is at present very limited wáni road. 29 miles. in accommodation, but is about to be considerably enlarged.

This road is now metalled to within six miles of Jhajjar, and the The Rohtak-Jhajremainder is in course of completion. There are also good unmetalled jar road. 21 miles. roads between Rohtak and Gohána, 21 miles, and from Rohtak, via Berí to Jhajjar, 24 miles, and thence to Bádlí, eight miles. between the two last named places being the old customs road. There is a good rest-house within the tahsil euclosure at Gohana, and police resthouse at Berí and Badlí, while at Jhajjar there is the magnificent building which was formerly the palace of the Jhajjar Nawáb, and is now used as a rest-house.

This road is unmetalled throughout; and though not so good as The Rohtak-Kharthe other three, owing to the swampy nature of the country, is opeued to wheeled traffic. There is a police rest-house at Kharkaudah.

The district is not well supplied throughout with rest-houses. Gohána, Sámpla and Mehím, there is a rest-room juside the tahsíl building, which, in the latter place, is now occupied by the police. At Bahadurgarh, part of the old Biluch palace gives shelter to travellers, and in the Jhajjar tahsil, the two residences of the late Nawab in the Jaháu-árá, (commonly called Jowárá) garden at the head-quarters and at Chhúchhakwás have been converted into splendid bungalows: the Nawab's shooting box at Zahidpur, however, is being allowed to fall into utter disrepair. Small police rest-rooms have been built at Siwanah Mal, Kharkandah, Bainsí, and Badlí; but there is no room or rest-house at Sálháwás, or any further south than four miles below the north border of Jhajjar tahsil; the glass palace at Farrúkhnágar, however, is ouly two miles beyond the edge of the district. The customs bungalow at Berí has now been takeu over as a district rest-house, and there is a good residence at Madinah on the Hisár road. Canal bungalows have been built at Sánghí, Gohána. Bútánah, and recently, at Saragthal; another is situated two miles

The Dehli-Hisár road.

The Rohtak-Bhi-

kaudah road.

Rest-houses and Sarais.

Chapter IV, D.

Prices, Weights and Measures and Communications.

Rest-houses and Sarais.

Post offices.

above the northern boundary of the district, at Koranah; these, by the courtesy of the Canal Department, are available for district officers in camp. Small sarais, farmed by Government, exist at Sámpla (two), Kahráwar, Farmánah, Rohtak, Madínah and Kalánaur. There are no large sarais used by traders and merchants; carts and camels usually journey on all night long with their loads.

There are imperial Post Offices at Rohtak, Bahádurgarh, Berí, Bádlí, Bútánah, Dighal, Gohána, Gúriání, Hassangarh, Jhajjar, Kharkandah, Koslí, Kharak, Kalánaur, Kánhour, Mnudlánah, Mehím, Nigánah, Sámpla, Sánghi, Sálháwás and Silánah. There are money order offices and savings banks at Rohtak, Bahádurgarh, Berí, Bádlí, Gohána, Gúriání, Hassangarh, Jhajjar, Kharkandah, Kalánaur Mehím, Sámpla, Sánghi, and Sálháwas.

Telegraphs.

There is no telegraphic communication at present, though it is expected that this deficiency will shortly be supplied. The Ferozepúr-Rewárí Railway passes through the outskirts of the district in the Jhajjar tahsíl, in which there are stations at Koslí, Thorlí, &c.

CHAPTER V.

ADMINISTRATION AND FINANCE.

SECTION A.—GENERAL ADMINISTRATION.

Tahsils.	Qannngoes and Naibs.	Girdáwars.	Patwáris and Assistants.	
Rohtak Sámpla Gohána Jhajjar	2 2 2 2 2	2 2 2 2 2 2	62 62 51 68	
Total	8	8	243	

The Rohtak district is under the control of the Commissioner of Hissar. The ordinary headquarters staff of the district consists of a Deputy Commissioner, a Judicial Extra Assistant and two Extra Assistant Commissioners, one of whom is stationed at the outpost of Each tahsil is in Jhajjar.

Chapter V, A.

General Administration. Executive and judicial.

charge of a tahsildar assisted by naib. The village revenue staff is shown in the margin. There is one sadr qanungo at the sadr for general supervision.

There are no munsiffs in the district. The statistics of civil and revenue litigation for the last five years are given in Table No. XXXIX.

The executive staff of the district is supplemented by Benches

of Honorary Magistrates at Rohtak, Jhajjar and Bahadurgarh.

DISTRIBUTION. Class of Total Protection Police strength. Standing and detec-Guards tion. District Im 385 309 perial .. Municipal... 76 69 69 Total ... 76 378

The police force is controlled by a District Superintendent assisted by a native Inspector and 13 Deputy Inspectors. The tabular statement in the margin shows the strength of the force. In addition to this force 781 village

watchmen are entertained, who, with the exception of those located at the municipal towns of Gohána, Kharkandah and Bahádurgarh and the town of Mehim, are paid by means of a rate or bach levied from the land-owners of the village. At Mehim there is a chowkidari tax, and the chowkidars at municipal towns are paid from municipal funds. In addition to these, may be mentioned the thikar chowkidars (see Chapter III, page 80), who are by a custom peculiar to this district, selected by lot from amongst the residents of the village, those who are unwilling to serve being obliged to pay the cost of a substitute. These chowkidars are only provided during the two or three hottest months of the year when thefts are most prevalent.

The thanas, or principal police inrisdictions, and the chowkis, or police outposts, are distributed as follows:

Tahsíl Robtak. Thanas: Rohtak, Kalánaur, Mehím and Beri-Chowkis Lákhan Mazra.

Tahsil Jhajjar. Thanas: Jhajjar, Sálháwás—Chowkis Bádli, Chuchakwas.

Criminal. Police, and Gaols.

General
Administration.
Criminal. Police.

and Gaols.

Tahsíl Sámpla. Thanas: Sámpla, Bahádurgarh and Kharkhauda. Tahsíl Gohána. Thana: Gohána—Chowkis Múudlánah and Siwánah Mál.

There is a cattle-pound at each thana and at every chowki except Chuchákwás, and in addition to these there are cattle-pounds at Bútánáh in the Hánsi division and at Simánkah in the Delhi division which are under the management of the Canal Department. This district lies within the Ambala police circle, and is under the control of the Deputy Inspector General of Police at Ambálá.

The district gaol at head-quarters contains accommodation for 255 prisoners. Only short-term prisoners are retained here, all others

being sent to the Central Jail at Lahore.

Table No. XL gives statistics of criminal trials, Table XLI of police enquiries, and Table No. XLII of convicts in gaol for the last five years.

There are no criminal tribes in this district, and the Criminal Tribes Act is not in force.

Revenue, taxation and registration.

The gross revenue collections of the district for the 14 years, so far as they are made by the Financial Commissioner, are shown in Table No. XXVIII; while Tables Nos. XXIX, XXXV, XXXIV, and XXXIII give further details for land revenue, excise, license tax, and stamps respectively. Table No. XXXIIIA shows the number and situation of registration offices.

There is only one distillery in the district for the manufacture of country liquor, and this is situated at Rohtak. The cultivation of the poppy is forbidden in this district. The administration of customs and salt revenue is described in the next paragraph.

Table No. XXXVI gives the income and expenditure from District Funds, which are controlled by a Committee consisting of 77 non-official members, who are appointed by the nomination of the Deputy Commissioner, subject to confirmation by the local Goverument. They are selected from among the leading men of the various tahsils. In addition to these there are twelve official members consisting of the Deputy Commissioner who is president, the three Extra Assistant Commissioners, the Civil Surgeon, the District Superintendent of Police, the District Inspector of Schools, the Assistant Engineer, Public Works Department, and four tahsildars. Table No. XLV gives statistics of Municipal taxation, whilst the municipalities themselves are noticed in Chapter VI.

The income from provincial properties for the last five years is shewn below:—

Source of Income.			1877-78	1878-79	1879-80	1880-81	1881-82
Staging bungalows Recamping grounds Cattle pounds Nazul Properties		:::	170 28 3,959 161	193 47 2,555 62	168 45 2,635 56	246 76 2,578 85	283 62 2,527 42
	TOTAL		4,348	2,857	2,904	2,985	2,914

The bungalows and encamping grounds have already been noticed at pages 108,109 and the cattle pounds on this page. The principal nazul property is the Bágh Jehánárá at Jhajjar, in which is situated the commodious house which was formerly the palace of the Nawáb of

Jhajjar, and which is now used as a district rest-house. The garden consists of 25 acres, which is rented to cultivators on a yearly lease. This estate was confiscated after the Mutinv of 1857. Figures for other Administration. Government estates are given in Table No. XVII, and they and their proceeds are noticed in the succeeding section of this chapter, in which the land revenue administration of the district is treated of.

The salt sources of the district, and the method of production, have already been described in Chapter I (pages 10-12). The salt pays a dnty of Rs. 2 per maund. The Government are also entitled to a share in the produce, which is taken in the shape of a cess on the amount sold, varying from six pie to one anna nine pie per mannd. The collection of this cess, called the hákimi cess, although it is an item of land-revenue, is entrusted to the Salt Revenue Department, who are in a better position than the land-revenue officers to ensure its realization. The Governmentallows a refund of 50 per cent. in some cases, and of 5 per cent, in others, of the collections of this cess to the landholders, in consideration of their proprietary rights in the lands occupied by the salt pans.

The subjoined table shows the manufacture and exports, the receipts on account of duty and hákimi cess, and the expenditure in cost of the establishment posted at the works, and contingencies for each of the past five years.

		8.	LT.	квсв	IPTS.	Expenditure.	
Yrab.		Manufac- ture	Exports	Duty.	Hakımi cess.	Establish- ment.	Contingen- cies.
1878-79 (a) 1879-80 (b) 1880-81 1891-82 1882-83 (c)	•••	763,610 761,081 568,205 933,401 646,115	833,240 565,400 581,097 663,024 638,774	2,160,715 1,413 500 1,457,056 1,448,925 1,277,548	71,401 49,912 49,827 56,316 55,482	12,882 38,711 39,732 36,450 37,233	10,976 31,164 7,051 5,103 7,495(c)

(a). The duty was reduced from Rs. 2-12 to Rs. 2-8 per maund from 1st

August 1878.

(b). The abolition of the inland customs line led to an increase of establishment for the better protection of the salt works, and also increased the contingent expenditure by the outlay for necessary buildings.

(c). The duty was reduced from Rs. 2.8 to Rs. 2 per maund from 10th

March 1882.

The preventive arrangements are controlled by the Commissioner of Northern India Salt Revenue under the Indian Salt Act, 1882. Mannfacture is permitted by license, which provides conditions for the production of saleable salt, its storage, &c. The works are divided into four circles for purposes of supervision, as follows, viz.:-

Snltánpúr)
Sedpúr	> Sultanpúr circle.
Muhamadpúr)
Sadhrana	j
Káliáwás	Sadhrana circle.
Ikbálpúr	}
Múbarikpúr	Marine
Bassírpúr	} Múbarikpúr circle.
Záhídpúr	5
Silánah	📆 Záhídpúr circle.

Chapter V, A. General

Customs (salt).

Chapter V, A.

General
Administration.
Customs (salt).

The establishment comprises two Inspectors stationed at Sultánpúr and Múbarikpúr, and two Assistant Inspectors stationed at Sadhrana and Záhídpúr, with a staff of 286 subordinate officers and men.

Each set of works, with its brine wells, pans, and stores of salt is enclosed by either a thorny hedge, or a ditch and mound with a few openings for ingress and egress. These openings are provided with gates at which guards are posted day and night, and the gates are locked during the night. Outside the enclosure are guard-posts about half-a-mile apart, forming a cordon round the works, and there are four peons stationed at each gnard-post who patrol up and down their beats. A native officer of the rank of jemadar has charge of two guardposts, to superintend relief of watches, and see that the peons are vigilant. Guards are posted inside the enclosure to watch the manufacture and removal of salt from the pans to the places of storage. In the dry weather the salt is stacked on the works in circular belltent like heaps, which are stamped with a Government seal, as a means of detection of theft; when the rains set in, the salt is thrown into pits, which are closed with mud and the surface levelled and smoothed so as to allow of easy discovery of theft. Every heap or pit has a board to show the number of the license, name of the licensee, and the estimated quantity of the salt. No salt can pass out of the enclosure except under a pass certifying to the payment of the Government dues. When a sale has been effected, and the duty and hákimi cess have been paid, the Inspector issues a pass and endorses it with an order for the specified quantity of salt to be taken from the heap or pit that has been sold. After the salt has been removed from the heap or pit, dried, weighed, filled into bags and loaded on carts under the superintendence of the guards, it is conveyed to the weighment yard at the head-quarters of the circle where it is finally weighed and cleared by the officer in charge.

Education.

Table No. XXXVII gives figures for the Government and aided

high, middle, and primary schools of the district.

In addition to the Government school at Rohtak under the Educational Department there are, one aided Euglish school at Jhajjar, five vernacular middle schools, sitnated at Gohána, Kharkauda, Bahádurgarh, Mehím and Badlí, a government zenana school sitnated at Jhajjar, and thirty primary schools. These are under the management of the Deputy Commissioner, who is assisted by a native District Inspector. The distribution of the primary schools is given in the margin. Table No. XIII gives statistics of education collected at the Census of 1881, and the general state of education has already been described at page 55. Besides the Government and aided schools mentioned above there are two zenana mission schools at Rohtak, and a private zenana school containing some 40 girls, which was recently established by Mrs. Steel, and is supported by private subscription.

This school was founded in 1860. The school building stands just outside the city, to the south of it. It stands in a

Sámpla, Hasangarh. Asaudah, Farmánah. Lowah. Mándauthí. Bapaniah, Chhárá, Dighal, Tahsil Jhajjar. Pátaudah, Gúri-áni. Koslí. Jeházgarh, Subánah, Machhraulí. Tahsil Gohána. Mundlánah, Bú-Khanpur. tanah, Anwli, Nagar.

Tahsil Hohtak. Rohtak, Kalánaur, Berí, Májrah, Pilánah, Kánhaur, Sáng-

hi, Bohar, Mokhrah

Tahsil Sámpla.

District School.

large compound in which gymnastic apparatus for the physical education of the pupils is placed. There is a boarding-house attached to it, also supported by the District Fund. The school has three branches located in different parts of the city to receive junior pupils. school is divided into middle and primary departments, the former with three classes, and the latter with five. The staff of the middle school consists of two English masters, a mathematical and an Oriental teacher. The branch schools, each of which is composed of two classes, have teachers who give instruction in Urdu, arithmetic and Hindi. The school is under the charge of a head master. The following statement shows in detail the expenditure of the school, the number of pupils, and the results of the examinations:-

Chapter V, A. General Administration. District School.

		ENDI-	No.	ов Рт	PILS		R	esults o	F EXAM!	INATIONS	•
				٦.		MID	DLB.	UPPER PI	RIMARY.	LOWER P	SIMARY.
Унав.	Provincial.	Grant-in-aid.	Middle Bchool,	Upper Primary	Lower Primary.	No. of boys examined.	No of boys passed.	No. of boys examined.	No of boys passed.	No. of boys examined.	No. of boys passed.
1878-79 1879-80 1880-81 1881-82 1882-83	3,240 3,051 3,247 3,085 2,991	1,396 1,530 1,316 1,324 1,441	110 30 34 31 31	 46 46 41 52	289 271 271 261 229	7 4 4 7 10	7 3 4 6 10	14 24 12 20	 8 13 8 15	26 19 27 26 29	18 19 18 25 29

There are also 96 indigenous schools in the district, of which some of the principal are a school at Rolitak supported by Rai Baklitawar Lall, Judicial Assistant, in which there is an average attendance of some 22 boys, and two smaller schools at Kotani and Goliána maintained by Thakur Indar Singh, Honorary Magistrate, and Chaudri Ghnlam Mohi-nd-din respectively.

Table No. XXXVIII gives separate figures for the last five years for each of the dispensaries of the district, which are under the general control of the Civil Surgeon, and in the immediate charge of hospital assistants. The dispensaries in the district are situated at Rohtak, Jhajjar, Bahádurgarh and Gohána.

The Sadr Dispensary at Rohtak was founded in 1861: it consists Rohtak Dispensary. of a main building containing a ward for 21 male patients, an operating and dispensing room; besides this there is a building with three separate compartments for females, and a row of single cells, six in number, for the segregation of special cases, male or female. The hospital is situated on the south-east side of the town, and on the side of the Grand Trunk Road between Delhi and Hissar, thus convenient alike for townspeople and travellers. The stuff consists of a hospital assistant, a compounder, and menials.

There are 12 hakims, 4 baids, and 8 yunani, paid partly from

Municipal and partly from District Funds.

There is a small church at Rohtak, capable of seating some 30 No chaplain is posted there. The service is usually conducted by the Deputy Commissioner. The chaplain from Hissar used to visit Rohtak every third month, but as there is now no clergy man Medical.

Ecclesiastical.

Chapter V, B.

Land and Land Revenue.

Head-quarters of other departments.

at Hissár, the Cambridge Missionaries at Delhi arrange to come over occasionally and perform service.

The portion of the Rewari-Ferozepur Railway, which runs through the district, is in the charge of the District Traffic Superintendent, whose head-office is at Rewari. The Rohtak branch of the Western Jamna Canal is under the charge of the Executive Engineer, Delhi division, stationed at Delli, and the Bútanah branch is under the Executive Engineer, Hánsi Division, who is stationed at Hissár. The Superintending Engineer of both these divisions has his head-quarters at Delhi. The Delhi-Hissar road, which passes through Rolitak, is under the Exeentive Engineer, Delhi Provincial Division, stationed at Delhi, who is also in charge of the public buildings of the district. He is subordinate to the Superintending Engineer, Second Circle, Ambála Public Works Department General Branch, stationed at Jálandhar. The Post Offices are controlled by the Superintendent of Post Offices at Hissar.

SECTION B.—LAND AND LAND REVENUE.

Early Settlements.

Fiscal history up to 1803.

Of the fiscal history of the Rohtak district before the advent of the British rule, it is not necessary to write. The old fiscal divisions have been detailed in Chapter II (page 17), and no doubt the Mughal administration of the revenue was the same here as in the rest of North India: the system is well known, and has been well described by Sir G. Campbell, at pp. 96-98 of his "Modern India." As the Central Government grew weaker, and as the people became bolder, they naturally began to refuse to pay any revenue; George Thomas had to collect his by the persuasion of guns and bayonets, while the Nawabs of Dujana gave up the attempt in disgust and despair after a trial of six years. It was after such experiences that the north of the district passed under Euglish collectors, thanks to whom there is at the present time no tract in India in which the Government demand is paid more promptly and regularly.

History since 1803, dual.

With regard to its earlier fiscal history, the district naturally divides itself into two separate portions—(1) the older tracts forming nearly the whole of the three northern tahsils, and which have been under our administration for over 60 years; and (2) the estates which belonged once to the Nawabs of Jhajjar and Bahádurgarh, and came under English management only in 1858. The former comprised 295 villages, with an area of 805,315 acres, and the latter amount to 219 in number, with an area of 348,232 Two-fifths of the villages, therefore, and nearly one-third of the area, have been added to the Rohtak district since the Regular Settlement of the principal portion was made in 1838-40. The constitution of these two divisions, and the manner in which they are distributed over the present tahsils, are shown in Chapter II (pp. 37, 38).

Early Settlements District.

The first Revenue Settlements effected in the district were made of the old Rohtak after the method laid down in Regulation IX of 1805 A.D. Government had decided, in order to induce the cultivators to feel secure and extend their efforts, to make a three years' (!) Settlement with them, to be followed by a second for the same period, and then by one of four years. After these ten years had passed, a permanent

Settlement was to be made of all lands as were then in "a sufficiently improved state of cultivation to warrant this.". It is not likely that the greatest admirer of Settlements in perpetuity would have been able to find a single estate in Rolitak so advanced in 1813 A.D. as to warrant its being admitted to the benefit of these terms; of the old Rohtak but before any harm could be done, this clause was cancelled by Regulation X of 1812. The early Regulations of Government were not in force indeed in the Delhi territory, which was specially exempted from their operation till 1832 A.D.: but they were, nevertheless, followed as guides, and in accordance with the provisions of the enactment of 1805, two Summary Settlements of three years each Summary Settlewere effected for the Rohtak-Berí tahsíl by the Honorable Mr. Gardiner. Mehím-Bhiwáni was, no doubt, treated in a similar manner, but there is no record of this. In 1815 A.D. a five-year Settlement of the former tahsil and a ten-year Settlement of the latter, which was much more backward, were made by Mr. W. Fraser; while in 1820 Rohtak-Berl received a second Summary Settlement, and Gohána with Kharkhaudah-Máudanthí, which had meanwhile lapsed to Government, a first Summary Settlement at the hands of Mr. T. T. Metcalfe and Mr. Fraser. The twelve Delhi estates were settled by officers other than those who assessed the rest of the district. At least four Summary Settlements of these villages took place before 1838 A.D., but whether there were more than these, and who effected any one of them, cannot be discovered from existing records. Before the next revisions were made in 1825, Regulation VII of 1822 was passed. So far as it recited that "a moderate "assessment being equally conducive to the true interests of the "Government, and to the well-being of its subjects, it is the "wish and intention of Government that in revising the existing "Settlement, the efforts of the revenue officers should be chiefly "directed, not to any general enhancement of the revenue, but to "the object of equalising the public burdens, and of ascertaining, set-"tling, and recording, the rights, interests, privileges, and properties, of "all persons occupying, managing and cultivating land," the Regulation was, in Rohtak at least, a dead letter. An increase of Rs. 2,000 was taken in the very Settlement which followed, although the revenue was already so heavy as to be nearly intolerable, and the unequal distribution of the demand was even worse than its burthen. During the currency of the next fourfold batch of Settlements, made by Mr. G. Campbell, assisted by Messrs. W. and H. Fraser, the old canal was re-opened, and the revenue survey of Gohána, Kharkhauda-Mándauthí, and part of Rohtak-Beri, took place in A.D. 1826-27; that of the remainder of Rohtak and of Mehim followed in 1838, after which the Settlement Officer had a sort of guide to assist him in fixing his village assessments. Before the revenue survey was completed, the four tahsils were summarily settled once again by Mr. J. P. Gubbins and Mr. J. C. Grant; another increase,—this time nearly Rs. 4,000—being taken in the year of highest demand. While these Settlements were still running. Regulation V of 1832 did away with the control of the Resident at Delhi, by making the territory west of the Jamná subject to the High Court and Board of Revenue of the North-West Provinces.

Chapter V. B.

Land and Land Revenue.

Early Settlements District.

ments.

First Revenue Survey.

Land and Land Revenue. Regulation IX of

1833.

and Regulation IX of 1833 supplied the necessary Settlement machinery which had not been provided for in Regulation VII eleven years previously, and enacted that each estate should be assessed according to the produce and capabilities of its land as ascertained at the time of revision of Settlement.

Finally, the last Summary Settlements of the Robtak district were made by Mr. S. Fraser and Mr. C. Gubbins in 1835, the demand once again being added to by a sum of Rs. 20,000.

Nature of Summary Settlements.

The revenue of the Summary Settlements was undoubtedly pitched much too high throughout. With the present state of increased population, better prices, improved communication, and general material improvement, it would still be impossible to think of realizing a demand deduced from the rates of incidence of the revenue of the last Summary Settlement on the cultivated area of A.D. 1838. These rates were as follows:—

					In	cidence	e per
							ivation.
					\mathbf{R}_{i}	. A.	Р.
Rohtak-Beri	•••	82 estates	•••	•••	•••	1 6	4
Dirto	•••	21 ,,	•••	•••	•••	l 7	2
Gohána	•••	80 ,,	•••	•••	•••	l 15	11
Mehun	•••	28 ,,	•••	••	•••	1 2	2
Sámpla	•••	62 ,,	•••	•••	•••	1 9	9
Delhi	• • •	12 ,,	•••	•••	•••	1 3	10

No doubt there was a large culturable area then, which there is not now, and some miscellaneous income was probably derived from this; but as a fact, the assessment of the present Settlement in the Rohtak villages falls even now a little short of the demand of the Regular Settlement, the revenue of which was nearly Rs. 4.000 less than that of the last Summary Settlement. It is needless to go into further details on the point here, but it must be remembered that, while the old revenue was supposed to represent two-thirds of the net produce, the present demand is limited to half. The demands on the villages were never realised in full, balances kept accruing, and large remissions had to be made in unfavourable seasons; and though such a climax of misery as Mr. Ibbetson has described in Panipat, was never reached in Rolltak, there is no doubt that the injudiciously heavy revenue must have greatly retarded the progress of the district. The only other point requiring mention is the fact that (as will have been gathered from the above account,) the Kharkhauda-Mándauthí villages now in Sámpla received four Summary Settlements like Gohána, and the Rohtak-Beri villages now in the eastern tahsil, five Summary Settlements. The demand of each Settlement for the tahsil was as follows:—

			Kharkii	auda-Mand	authi	Rohtak-Be	7
				Villages.		Villages.	
				Rs.		Rs.	
1et Su	mmary	Settlement		1,83,707		Not known.	
2nd	,,	"	•••	1,72,234	•••	4 9,8 43	
3rd	,,	"		1,71,006	•••	53,406	
4th	15	"	•••	1,76,104	•••	59,083	
5th	27		•••	None		57,905	
1 .		٠	C 3		0 111	´. 1	1

The success of a series of short Summary Settlements had not been such in North India as to induce the Government to adhere rigidly to the system; and as in 1805 Government became alive to the fact that leases for three years, and even five years, were better than for one year, so the truth also gradually dawned that a lease for about the period of a man's full strength was the best to induce him to use Land and Land his atmost efforts to extend his cultivation. Accordingly, in 1837-38, a regular thirty-year Settlement of the Kharkhanda-The Regular Settle-Mándanthí and Rohtak-Berí tahsíls was made by Mr. C. Gubbins, and of Gohána in the next year by Mr. M. R. Gubbins: Mehím-Bhiwani came under the hands of Mr. J. B. Mill in 1839-40. manner in which the work was done in the three eastern tahsils is fully described in the Assessment Reports of the Delhi territory, republished by the Punjáb Government in 1874. Mr. Mill's report has not been printed. The result of the new Settlements, as compared with the last Summary Settlements, gave an increase of Rs. 14,642 as follows in the 295 estates:—

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		Reven	ue of the	last	Kevenue of the	?
Ta	hsil	Summa	ry Settlen	ient.	Regular Settlen	ient.
Goliái	na:		Rs.		Rs.	
83	estates		2,39,542		2,42.613	
Robin	ık:					
83	Rohtak-Beri	estates	1,91,570	***	1,95,771	
28	Mehim estat	es	67,705	•••	59,639	
		. ,		•••		
Sámo		tal	2,59,275	***	2,55,410	
68	Kharkhauda	·Mán•				
	dauthi esta	tes	1,76,104	•••	1,93,962	
21	Rohtak Beri	estates	57 905		56,095	
12	Delhi estates		13,764	•••	13,152	
	Total		2,47,773	***	2,63,209	
Grand total 295		***	7,46,590		7,61,232	

The new demand was never collected in full. It remained in force apparently some two or three years, while the Revised Assessment, which was immediately ordered, as will be seen, was being completed, and at the end of this time the outstanding balances were remitted; but information is not very clear on this point. At any rate the Board of Revenue became convinced that the land revenue was pitched too high throughout the Delhi territory; and that it was idle to expect villages which had always been hitherto in arrears, and were hardly recovering from the effects of two famines and a great sickness, to pay a revenue higher than any as yet demanded of them. When a Jat community does not pay its rent, it may be taken as an incontrovertible fact that it cannot do so, and that the rent is abnormally high. During the latter years of the currency of the Summary Settlements, cultivation had fallen off in Mehim and had been stationary in Rohtak, but had increased in Gohána. thanks to the opening of the caual, by one-fourth; there had also been an increase in Sampla, no doubt, but on this point there are no Fourteen estates only refused to engage for payment of the new demand, but this proved nothing, as the people had been long accustomed to accept the announcement of a revenue, which they could not, and did not, pay. Of these, eight were in Gohana, and three each in Rohtak and Sámpla; in Mehím, which was the most highly over-assessed tahsil of all, there were no refusals. Six of the Goliana villages were farmed for 30 years each; the other two, with the six estates of the central tahsils, were made over two strangers for

Chapter V, B. Land and Land Revenue. ment.

twelve years only. The high revenue authorities wisely and rightly considered that the Settlement proposed could not be expected to work at all, still less to work satisfactorily; and under their orders a complete The Revised Assess-revision of assessment was carried out with the following results, as compared with that first proposed :--

_		Reg	ular Settlement		Revised
Tahsil		-	Demand.		Demand.
Gohána:			Rs.		Rs.
83 estates			2.42,613	•••	2,27,016
Rohtak:			-		
83 estates		•••	1,95,771	•••	1,40,127
28 estates	•••	•••	59,639	•••	38,703
				•••	
Total	•••	•••	2,55,410	•••	1,78,830
Sámpla :					
58 estates	•••	•••	1,93,962		1,76,676
21 estates		•••	56,095	•••	40,549
12 estates	•••	•••	13,152	•••	16,692
	Total		2,63,209	•••	2,33,917
	20002	•••	2,00,200	•••	2,00,011
d total 295	•••		7,61,232	•••	6,39,763

This was a reduction of Rs. 1,21,469, or 16 per cent., from the demand originally fixed, and of Rs. 1,06,827, or 14 per cent., from that of the last Summary Settlement; and whereas the revenue of the Regular Settlement had been Rs. 4,500 higher than that of the combined result of the highest Summary Settlement of each group of estates, the amended Settlement gave a demand nearly Rs. 30,000 less than that of the lowest Summary Settlement of each set. Two-thirds of the lightening of the burthen was made in the estates then or now in the Rohtak tahsíl; comparatively little reduction was needed in Gohána where caual irrigation was rapidly extending. The apparent increase of the revenue in the Delhi villages is not a real one, as may be seen from the incidence of the new revenue per acre of cultivation given below: it was caused by the addition to the at this time of the revenue of a jágír village. The reduction given in the Rohtak tahsil might perhaps have been partially recovered by a system of progressive demands, commencing after ten years, but it was not perhaps easy to foresee in 1840 that an unbroken series of good seasons for 20 years was about to set in. The incidence on cultivation of the demands of the Regular and amended Settlements was as follows :-

			In	CIDEN	CE PER ACRE OF	CULTI	VAT	ION.
	Reg	rule	ar S	Settlen	nent. Ame	ended	Seti	tlement.
	F	Rs.	A8.	Ρ.		Ra.	۸a.	Ρ,
Gohána:								
82 estates	•••	1	15	4	•••	1	14	5
Rohtak:								
82 estates	•••	1	6	6	•••	1	0	2
28 Mehim estates	•••	1	4	5	•••	0	13	3
Sámpla.								
68 estates	•••	1	12	4	•••	1	9	10
21 Rohtak estates	•••	1	6	5	•••	1	0	3
12 Delhi estates	• • •	1	3	0		1	2	8
21 Rohtak estates	•••	1	6	5	•••	1	0	3

Results of the revision.

The righteousness of the policy pursued in lessening the burden of the revenue is seen in the steady and great progress which the district has made since that step was taken. From that date the cultivation of the present tahsils has increased in Gohana 38½ per cent., in Rohtak 57 per cent., and in Sâmpla nearly 9 per cent., and,

Tahsíl.

Gohána Rohtak

Sámpla

except in Rolltak, cultivation has now almost reached its utmost Of the advance made, the whole of that in Sampla took place between 1840 and 1847 A.D., three-fifths in Rohtak, and half in Gohána; thus showing what efforts the people were willing to make Results of the Reviwhen they had once received terms profitable to themselves as well as Government. Irrigation during the same time has increased by 75 per cent. in Sámpla, 53 per cent, nearly in Gohána, and 46 per cent. in Rohtak; the first eight years of the Settlement saw all of the advance in Sámpla, one-third in Gohána, and one-half in Rohtak. From 1840-1857, if the returns of the Revenue Reports are to be trusted, Rohtak was the only district in the North-Western Provinces which showed a clean balance sheet in every year; and the present prosperity of the district more than bears out the words of Mr. Thomason in 1846, when he wrote:-" There can be no doubt of the "justice and policy of the extensive reductions made at the last Settle-"ments. The Board deserve much praise for having insisted on them "as they did, and will no doubt now review with satisfaction the "happy results of the principles which they then advocated." The revenue demand for the above villages, according to the Rent-Roll of the last year before the present Settlement commenced, was as follows:

1873-74. Rs. 2,23,837 1,76.822

2,30,369

... 6,31,028 1840 by Rs. 8,300. This is less than the revenue fixed in The causes of the decrease are principally reductions of assessment on account of the development of saline efflorescence, amounting to some Rs. 5,500, and grants of revenue-free lands to the value of Rs. 3,500; about Rs. 2,000 have been added to the roll by the lapse of revenue-free grants, and the sum is balanced by petty reductions made from unknown causes before 1857, or on account of land taken up for Government purposes and the like.

...

Total

By Act VIII of 1846 it was provided that the currency of the Rohtak Settlement should last till July 1st, 1870. Before this Act was passed, the Rohtak district had been temporarily abolished in May 1841, and re-established in March 1842, as has been already said: this was done with the object of lessening expenditure on establishment, but the experiment was found not to work well, and had to be abandoned. Between 1843 and 1845, a Revised Record Revised Settlement of Rights (which must be distinguished from the Revised Assessment of 1833-40) was made. The papers prepared at the Regular Settlement were very incomplete; they showed the cultivated lands only according to scale, and the uncultivated lands were merely sketched in. This was due to the latter not bearing any share of the revenue, and to no one, therefore, caring to have them properly recorded. But when large waste areas were broken up, it became important and necessary to define rights in them, and with this object the new papers were prepared. Though rough according to present ideas, they were a great improvement on the former ones, especially as re-

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gards the record of ownership and rights of hereditary cultivation. The faired copies were probably more complete than those which we now possess; but they all perished in the flames of the Record Office in May 1857, and the papers now existing are either the pativaris' copies made in 1847, or else transcripts from them; in some cases, where no such duplicates were procurable, a rough new record was made up by the tahsildars after the Mutiny.

Jhajjar and Bahádurgárh villages. Settlements of the Nawabs.

We come now to the 219 estates added to Rohtak within the last 25 years. Three Summary Settlements of each country were made by its respective rulers, of which the first two were sufficiently moderate, and the last so high as to be a merely nominal demand. The revenue of the third Summary Settlement was as follows, with an incidence pretty near that given below, and which is calculated on the cultivated area of our Summary Settlement in 1858-59:—

Description.	Number of Villages.		Revenue. Rs.	I_{i}	ncidene of cul Rs.	tiva	tion.	e
Bahádurgarh villages	21	•••	34,875		1	10	3	
Jhajjar villages	190	••	2,67,017		1	3	10	
Jhajjar villages in Sám Jhajjar and Bahádu	ola 5 rgarh	•••	12,875	•••	1	0	9	
villages in Rohtak	3	•••	1,845	•••	0	7	6	
Total	219		3,16,612					

The incidence in Bahadurgarh was extraordinarily high, when it is considered that no villages were receiving canal irrigation in the time of the Nawab, and that only four enjoyed a scanty share of the floods which might overflow from the Najafgarh jhil. The incidence in Jhajjar was also very high, when it is remembered that a large number of the wells now existing have been sunk since 1862. Besides the revenue demand there were nnder the Nawábs a number of other exactious petty in themselves, but considerable in the aggregate, as is common in Native States and the consequence was that, whole villages in the Jhajjar territory were deserted, and many cultivators fled even from the strongest estates. The Commissioner of Delhi, for years before 1857, was besieged by fugitives demanding justice against the last Nawab. In Bahadurgarh, owing to the utter incapacity and weakness of the ruler, things never came to so bad a pass as in Jhajjar, because the villagers simply defied the Nawab, and he was unable to collect the revenue. It may be mentioned here that the Nawabs were not lords of the soil. The grants of their territories will be found in the Punjáb Volume of Mr. (now Sir C. U.) Aitchison's Treaties, and the terms of these grants show that they were in reality mere service jágírs of an unusually large extent. No doubt the rulers were absolute owners in estates which they had reclaimed from the waste and founded themselves; but the grant in no way affected the status of the villagers of the estates then existing, who remained owners of the soil, as they had been for centuries before. Their right was never contested by the Nawabs; and the people sold and mortgaged lands as freely under their rule as under our Government, and they were entered as proprietors of the soil in their Settlement Records as in ours.

After the territories of the two Nawabs had been resumed, Mr. J. S. Campbell made a Summary Settlement of their villages in Jhajjar and Sampla, and those in Rohtak were settled by the Deputy

British Summary and Regular Settlements.

Commissioner for the time being. Mr. Campbell's Report for the Nawáb's Jhajjar tahsíl was submitted in June 1858, and that for the Land and Land other parganas, including Badh and Bahadurgarh, in August. The Financial Commissioner considered the general assessments fair, and in British Summary this opinion the Chief Commissioner concurred; adding that if after a year's experience they were found to be too high, they should be at once reduced in Bádli and Bahádurgarh; the revenue fixed was thought to be quite as high as was safe. These Summary Settlements worked pretty well until the Regular Settlement was completed, and a reduction was made in one case only, though in pargana Kánaundah it was found necessary to grant immediate revision, which resulted in a demand less by 16 per cent. than that at first proposed. In recommending this reduction the Commissioner wrote thus of the tract: "Owing to "grievous oppression under the late Nawab and his predecessor, "the population has been thinned and the remnant left with a hopeless, "haggard look. This pargana, in short, has been ground down to "the very limit of endurance." Kananudah was, no doubt, in a worse plight than the Bádli and Jhajjar tahsíls, but they, too, had been terribly straitened by the revenue exactions of their late ruler. When the Summary Settlements were sanctioned, it was ordered that a Regular Settlement should at once be set about and completed. In 1860, Rái Pertab Sing was placed in charge of the work, which. however, was not completed till 1863. During its progress a Revenue Survey was effected of the whole confiscated territory of the Nawabs: there seems also to have been an earlier survey, probably made about 1830-35. The Report of the Regular Settlement was submitted in January of that year by the Deputy Commissioner of Rohtak, of which district the remaining Jhajjar territory had meanwhile become the southern tahsil. The Financial Commissioner considered the assessments proposed to be moderate and fairly distributed, and anticipated that they would be collected without difficulty, and they were sanctioned by the Lientenant-Governor. The period of the Regular Settlement was fixed so as to end conterminously with that of the rest of the district in 1870.* The figures of the two Settlements of the villages still in Rohtak were as follows:-

	ž	Assessment of Summary Settlement Rs.	•	Assessment of Regular Settlement. Rs.
Bahádurgarh villages Jhajjar estates—190	•••	25,815 2,17.885	•••	27.755 2,14,775
Ditto (5) in Sámpla Jhajjar and Bahádurgarh (3) in Rohtak	villages	10,305 1,825	••	10,205 1,861
Total	••	2,55,830	••	2,54,596

^{*} Note.—The correspondence on the (1) Summary and (2) Regular Settlements will be found under (1) Deputy Commissioner Jhajjar's No. 102 of 26th June 1858; Commissioner's Nos. 58 of 17th July and 91 of 25th August; Financial Commissioner's Nos. 387—3022 of 24th July and 651 of 1st September; Chief Commissioner's No. 671 of 3rd August; (2) Deputy Commissioner Rohtak's No. 18 of 17th January 1863; Commissioner's No. 22 of 2nd March; Financial Commissioner's Nos. 187-963 of 23rd March; and Government Punjáb's No. 265 of 30th March.

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and Regular Settlements.

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British Summary and Regular Settlements. This was a reduction of 19 per cent. from the demand of the last Summary Settlements of the Nawábs. The current revenue demand of 1878-79 is Rs. 2,58,238; a reduction of Rs. 10 each has taken place in the eastern Bahádurgarh and Rohtak villages, and an increase of Rs. 3,662 (due to the creation of new estates, and to the lapse of revenue-free grants) has occurred in the Jhajjar tahsil. The Bahádurgarh and Jhajjar villages are still, as a rule, distinctly less strong than the adjoining estates of the old Rohtak district; but they are far stronger now than when we received them in 1858, and it may be hoped that during the next 30 years most of them will advance to a pitch of prosperity as general as that prevailing elsewhere in the district.

The revenue demand for the whole district may now be put together thus:—

The whole district.	Regular Settlement.	Demand of 1878-79.
295 old villages 219 new villages	Rs. 6,39,763 2,54,596	Rs. 6,31,415 2,58,238
Total 514 estates	8.94.359	8.89.653

This demand is distributed as follows in the present four tahsils:—

	Regular Settlement.	Demand of 1878-79.
	Rs.	Rs.
Gohán a	227,016	2,23,933
Rohtak	1,80,691	1,78,678
Sámpla	2.71,877	2,68,605
Jhajjar	2,14,775	2,18,437
Total	8,94,359	8,89,653

Results of former Settlement for the whole district.

Remissions. Suspensions.

Coercive processes.

Since 1858 A.D. a sum of Rs. 4,60,434, or rather more than half a year's revenue, has been remitted; the remissions took place entirely in the famine years of 1861-62, and 1868-69, except for a sum of Rs. 3,300. A further sum of Rs. 4,71,031 was for a time suspended, but ultimately collected; of this Rs. 1,60,396 belonged to the drought of 1877-78, although suspended eighteen months later, Rs. 62,623 to the earlier year of famine, and Rs. 1,55,540 to the later. Nearly half the remissions made were given in the Rohtak tahsil, and about threefifths of the further sum suspended will be found there also; the suspensions given in Gohána, over and above the remissions, were very small. Except in the three years mentioned, the revenue has always been paid with the greatest ease and promptitude. On an average 732 coercive processes a year since 1860 have been issued for the collection of revenue; this is something less than 11/2 per estate yearly. The numbers are pretty much the same in all four tahsils; but their issue is generally made without any system, and proves almost uothing as to the facility or otherwise with which the revenue is collected. It remains only to notice briefly the area sold and mortgaged under the old revenue demand in order to close the account of the previous fiscal history of the district. The area affected was unfortunately largely increased during recent Settlement operations by the drought of 1877-78, and the policy of collecting the revenue without any suspensions in that year. The area sold during past Settlement has been 12,093 acres only, or 11 per cent. of the lauds of the district, of which separate

Area sold.

possession is held; the smallest area sold is in Sámpla, the largest in Jhajjar, 8,669 acres passed to the hands of fellow agriculturists and Land and Land 3,424 acres to non-agriculturists. The small area acquired by the last class in Jhajjar is noticeable. Statistics of area and price will be found in Chapter IV (pp. 104, 105).

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Area mortgaged.

The area mortgaged amounts to 49,184 acres, or 5 per cent. of the separately-held lands of the district. Here, again, a larger area is held by brother-cultivators than by strangers, but in nearly all cases the average mortgage money due to the latter is less than to the former, whereas with sales it was the very reverse. The mortgage debt amounts to about 2 of the revenue of a single year. More than half the area affected is in the Rohtak tahsil; in this tahsil only do outsiders hold in mortgage a larger area than agriculturists: the lands in question belong principally to the Raughars. Possession is usually given to the mortgagee; if the mortgagor retains the land in his own hands, he pays the revenue, and such a mortgage is called In the Gohana tahsil the mortgage money per acre is higher than the selling price; this is due to five-elevenths of the mortgaged area being canal-irrigated, while only one-fifth of the lands sold was so. In Jhajjar the two prices are much the same; in the other two tahsils the latter far exceeds the former. Statistics of area and price will be found in Chapter IV (pp. 104, 105).

There is little more to say under this head of previous fiscal history. It will have been gathered from the foregoing account that the recent revenue administration of the district has been sound and successful, and that in consequence the tract itself has made immense advances. Besides the material progress testified to by the increase of cultivation and irrigation we have the facts of increase of population and cattle, improved communications, better markets, extension of the more valuable crops, higher prices, and (as a consequence of all) a vastly increased value of land.

Results of former Settlements.

The present Settlement.

The Regular Settlement was revised between the years 1873 and For three years of this time Mr. Purser held charge of the operations, which were commenced under his superintendence. were completed by Mr. Fanshawe, and reported by him in 1880.

Revision of Settlement.

At the present Settlement the district has been divided off into Assessment Circles. 18 Assessment Circles as follows :-

Tahsíl.	Number.	Name of Circle.	Position, &c.
Gohána " " Rohtak " "	 1 2 3 4 5 6 7 8	Western rain-land Central canal Eastern rain-land Eastern canal Canal Eastern rain-land Central ,, Rájpúts ,,	 Situated high on west border. On the main Robtak canal. Between the two canal circles. On the eastern border of the tahsil. On the tail of the Robtak canal. On the eastern border of the tahsil. In the centre of the tahsil. Belo w the central circle.

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Assessment circles.

Tahsíl.		Number.	Name of Circle.	Position, &c.
Rohtak		9	Northern ,,	Above the central circle.
,.	•••	10	West "	West of the central circle.
Sámpla			Canal	On north-east border.
,,	•••		Rain-land	Comprises 3 of the tabsil.
,.	•••		Dahri or flood-land	In south-east corner.
Jhsjja r		14	Ditto	Along the east border.
"	•••	15	Rousli cháhí, or well-irri- gated loam.	West of the flood circle and in the centre.
"	•••	16	Rousli bárání or unirrigated loam.	Along the north border.
,,	•••	17	Bhúr chahát pukta, of sandy soil and lined wells.	Above and below the rousli cháhí and next circle.
,,,		18	Bhúr cháhat khám, of sandy soil and unlined wells.	West of the rousli cháhí circle.

These circles, with the exception of those in tahsil Rohtak (where the character of the owners in one part, and the former excessively light revenue in other parts, made it necessary to sub-divide the rainland portion of the tahsil) are formed entirely with regard to the presence or otherwise of irrigation and its nature. Four Circles include all the canal land; two embrace the area naturally flooded; and three contain the well-lands, leaving half the number to comprise all the rain-lands, of which five are in the Rohtak tahsil. The villages are distributed among the circles as follows:—

	Name of	Circle.		Number of Circles,	Number of villages in Circles.	Area, acres.	Percentage of area to whole.	
Canal				4,	107	253,665	22	
Well	•••	***		3	iii	166,939	14	
Flooded	•••	•••	•••	2	53	90,328	8	
Rain-land	•••	•••	•••	9	240	642,615	56 *	
Total	•••	***	***	18	511	1,153,547	100	

The central canal circle of Goliána and the canal circle of Rohtak are continuations of oue and the same tract; so are the easteru canal circle of Goliána and the canal circle of Sámpla, while the two naturally flooded portions of the district also adjoin oue another. The raiuland circles occupy the whole of the centre and west of the district, and throw up two long arms to the north, where the wedge-shaped central caual circles run down into the plain. In previous Settlements, the rain-land tracts of each of the northern tahsils were treated as a whole; this, as regards Goliána and Rohtak, was a mistake, but the present western villages of the latter belonged theu to Mehím: any difficulty was got over by assessing the eastern villages much above rates and the western ones below.

Increase in cultivation. The following table shows the cultivated and irrigated areas as they stood at the Regular Settlement:—

		AREA IN ACRES.											
_						Cu	JLTIVATE	ID.					
Tansil.	Revenue-free.		Culturable, Fallow.		Canal.	Wells.	Naturally flooded.	Bain-land, Total.		TOTAL ABBA.			
Gohána Rohtak Sámpla Jhajjar	6,348 320 13 3,525	7,583 12,635 12,931 34,405	74,239 153,821 51,622 49,711	6,935 19,382 4 022 23,299	41,356 7,279 12,781	361 1,391 14,605	 8,617	77,250 181,491 176,760 156,264	118,606 189,131 190,932 178,886	213,716 375 259 259,520 289,826			
Total	10,206	67,559	329,393	53,638	61,416	16,357	8,017	591,765	677,555	1,138,351			

Chapter V. B. Land and Land Revenue. Increase in cultivation.

The figures in this return are those of 1838 A.D. for the old estates of the district, and of 1862 for the Jhajjar and Bahádurgarh villages. They cannot be accepted as absolutely correct, for in Sampla the royal jágír (taiúl) villages had to be included in the khálsa estates, and there is no detail forthcoming of the area naturally flooded in that tahsil at the Settlement of 1862. The area of the Government grass preserves, which was then nearly 12,000 acres, is not included in Jhajjar. The old unculturable area is shown so low as it is in the northern tahsils because the tanks, roads, &c., in the culturable jungle lauds were also classed as culturable; in Jhajjar there must have been some mistake in the classification of unculturable soil. The areas of the present Settlement are given below, and show the increase which is noted beneath each column:-

	AREA IN ACRES.										
Tansil.											
	Revenue-free.	Unculturable.	Culturable.	Fallow.	Canal lands.	Well-lands	Flooded lands.	Rain-lands.	Total.	TOTAL	
Gohána Rohtak Sámpla Jhajjar	436 2,797 1,285 10,991	13,901 19,241 16,035 17,387	30,191 55,268 29,536 49,341	1,006 4 124 341 8,262	63,342 11,531 22,002	506 470 2 371 18,988	25 911 8,604	10,564 28,504 189,297 185,676	169,525 297,044 214,581 213,268	215,056 378,464 261,778 298,249	
Total	15,509	66,554	163,336	13,733	96,875	22,335	9,540	765,665	894,415	1,153,547	
Increase per cent					57	37	19	29	32	1	

It has already been stated that much of the advance in the three northern tahsils made since 1838 took place in the first ten years of the Besides the fact of the great increase of the area irrigated from the canals, it must be borne in mind that irrigation has become much more certain than it was formerly, owing to the better management of the cauals. The increase in population has been noticed in Increase of popu-Chapter III (pp. 41-43); judging from the figures in tahsil Gohana, the general increase in the northern tahsils cannot have been one of less than 25 per cent. since 1840; the increase in Jhajjar, during eight years since 1868, was 8 per cent. Cattle also have increased very Increase of cattle.

Chapter V, B.

Land and Land Revenue.

Miscellaneous income.

Extension of more valuable crops.

Character of the seasons.

Small culturable area left.

Increase of Cesses and Water rates.

largely in numbers, though here again we have no perfectly reliable figures; the increase in Gohána from 1853 to 1875 was one of twofifths, and it has probably not been much less in the other tahsils. The miscellaneous income gained by the sale of cattle, fodder and ghi, and by the hiring out of carts for carrying, etc., was found on enquiry to he very considerable, and in good times it is prohable that it may amount to nearly one-balf of the Government revenue. The rise in prices which took place between the Regular and revised Settlements has been fully discussed in Chapter IV (pp. 104, 105.).

It has been seen how largely the better and more valuable crops have been introduced since 1838, which is more or less another way of putting the increase of irrigation, though not entirely so; communications have been greatly improved, and the effect is partly seen in the rise of prices. There is no reason to believe that the soil has deteriorated generally to any material degree, though no doubt some of the older lands need more ploughings now, and perhaps even then return a less yield than they used to do thirty years ago.

Such are the facts which the assessing officers had to consider with regard to the advance made by the district. On the other hand. it had to be borne in mind that the tract was one where the seasons are notoriously uncertain in their character. In the last 33 years before 1878-79, there have been twelve average seasons, eleven above the average (viz., six good and five better than average), and ten below the average (including three inferior, four distinctly bad, and three of actual famine). The number of years in which the crops failed badly, or almost entirely, is nearly one-fourth of the whole, a circumstance which shows how productive the soil must be in ordinary years, if its produce has to suffice, and does suffice, to supply the food necessary to enable the people to live in bad seasons as well. Since so great an area of jungle land has been brought under cultivation, it has become necessary to sow a larger area than formerly with fodder crops for the cattle; and while the advance of population has been beneficial to the district in general, the pressure in some parts, and especially in the canal estates, has become serious, while in other villages the evil effects of swamping have caused an actual diminution in the numbers of the people. The villages generally have advanced and grown stronger no doubt, but the room left for further expansion of cultivation is very limited, except in parts of Rohtak and in Jhajjar; it was impossible, therefore, in framing proposals, to discount any increase of the cultivated area during the ensuing Settlement. Moreover, it is not at all probable that the canal-irrigated area will increase largely, although irrigation may be withdrawn from some estates and transferred to others; the sinking of new wells, on the other hand, involves an outlay of capital which requires the profits of a good many years to recoup it. It had further to be remembered, that although the revenue demand itself had fallen off rather than increased, yet the burthen on account of cesses had risen from Rs. 8 to Rs. 16-4 per cent., and that it would be necessary to add to it a further charge of at least 3 per cent. more. Besides, as regards the canal villages, the cost of water had increased three-fold since 1838, and had become more than double since 1865.

The orders of Government for the assessment of the district were to the following effect. The general principle to be followed was that the Government demand should not exceed the estimated value of half the net produce of an estate, or, in other words, half the net produce received by a landlord in money or kind. Special attention was to be paid to produce rents where existing; but, as has been seen above, such rents are hardly to be found in Rohtak. The habits and character of the people, the proximity of markets, the facilities of communication, the incidence of past assessments, and the existence of profits from grazing and the like, were to be taken into account in estimating the land-revenue demand. When the gross assessment of each circle had been framed on these principles, soil rates were to be deduced from them, and the results were to be reported for sanction, so as to form the basis of the assessment of the estates. The tests which existed, with which to compare the results deduced from the rates fixed, were but scanty-oue-sixth of the gross produce, such rent figures as could be found, the present and former demands on estates whose material resources were much the same now as they had been at the former Settlement, and the increase of cultivation, irrigation, population, &c. It was impossible to fix plough rates which would be otherwise than misleading, because no less than 8,474 ploughs, out of a total of 45,129, were found to be used to cultivate lands in other villages as well as in that to which they belonged. Well rates were not devised in Jhajjar, as they had not been customary on the country-side before.

Separate rates were framed for each class of irrigated soil, and each kind of unirrigated. Those on canal lands varied from Rs. 2-12 per acre, in the centre of Gohána, and in Sámpla, to Rs. 2-8 on the Gohana eastern border, and Rs. 2-6 in Rohtak; the variations were made according to the certainty and facilities of irrigation or otherwise. The question of the dry assessment of canal irrigated lauds and of owner's rates will be dealt with presently. The highest well rate per acre was proposed in the flood circles, where nearly all the wells are sweet, and the depth to the water is least; in Jhajjar, where the floods are more certain, it was fixed at Rs. 3 per acre, and in Sámpla at Rs. 2-12: the last rate was also adopted in the Jhajjar central well circle, and the canal circle in Sampla; the two bhur circles of Jhajjar had rates of Rs. 2-4 and Rs. 2, and in the other tahsils (where the well area is very limited) the rate varied from Rs. 2-8 to Rs. 2. Taking the incidence per acre of the result of the well rates throughout the Jhajjar tahsil, and applying it to the average well acre of 12 acres, we have an average assessment of Rs. 31-8 per well. The rate for flooded lands in Jhajjar was fixed at Rs. 2-4, and in Sampla at 4 annas less. As has been already said, no system of fluctuating assessment based on crop rates was thought necessary for any of the flooded villages. The manured lands were assessed from Rs. 1-8 to 1-3 per acre, but there is little manured land not also irrigated, as will be seen below. The stiffer soils were rated highest in the Sáhibi depressions, viz., at Rs. 1-1 per acre; Rs. 1-4 was the rate in Sámpla and Gohána, and about Rs. 1-1 elsewhere. The best rausli in the northern and eastern tahsils was assessed at Rs. 1-2 to

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Revenue.

Basis of assessment.

Revenue rates, Canal lands,

Well lands,

Flooded lands.

Rain lands,

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1-3 per acre, and in the rest of the district at Rs. 1-0 to 0-12-6, omitting the three westernmost circles of the Rohtak tahsil. The bhúr in Jhajjar includes much fair soil; while in the northeru tahsils only the very poorest has been so classified; it therefore bears a higher rate of 12 to 11 annas per acre in Jhajjar, and a lower one of 10 annas to 8 annas 6 pie in the north; where the culturable area exceeded one-fifth of that cultivated, the excess was assessed at from 4 annas to 2 annas per acre. The three westeru circles in Rohtak were too lightly assessed at last Settlement to be able to bear assessment at nearly the same rates as the rest of the tahsil; accordingly in them the rate for the better soils varied from 12 annas 6 pie to 9 annas 6 pie; for rausli from 11 annas 6 pie to 8 annas 6 pie, and for bhur from 6 annas to 5 annas. In these tracts, as well as in the western circle of Gohána, it will be possible to enhance the revenue rates at next Settlement; the soils, as such, are quite as good as those in Jhajjar; at the present Settlement, however, the increase taken was as high as it was considered safe to demand, amounting as it did, in some cases, to one of from 50 to 70 per cent.

Lightly assessed circles.

Result of Rates.

The result of the rates proposed and sanctioned may be shown thus according to the different soils of each tahsil, together with the percentage of the revenue which each kind bears to the whole demand :-

Description of lands.	Gohána.	Rohtak.	Fámpla.	Jhejjar.	Total.	Per-	
Canal	Re As	Ra. As.	Re As	Rs. As.	Rs. As. 2,57 913 4		
S\$7.411	1,69,331 12			40.71.7			
	999 11	950 0		49 755 8		1	
Flooded	1		1,474 0	20,023 8	21,502 8		
Manured	501 0	167 9	3,953 4	793 4	5,415 }		
Clay (1) Dakar	2,415 6	2,642 3	7.369 0	703 6	13,129 15		
(2) Matiyar	2,721 12	11,598 14	19 996 14	12,076 14	14,384 6		
Losm	1,06,109 12	2,00,690 9	1,79,706 4	95,765 14		5	
andy	2,410 2			4,660 0			
Culturable	1,173 15		834 4	55,419 12	8,273 11		
Total	2,85,663 0	2,48,725 0	2,71,877 0	2,39,402 0	10,62,016 0	80	
Former Revenue of Tahsil	2,27,016 6	1,80,691 0	2,71,877 0	2,14,775 0	8,94,359 3	1	

It may be noted that the unirrigated lands, which amount to 86 per cent. of the whole area, bear 69 per cent. only of the revenue; that the canal lauds, which form but a little more than a tenth of the whole, are assessed with nearly one-fourth of the demand; and that in the case of the well and flood lands the proportions are 5 and 2 per cent. as against 2 and 1 per cent.

Increase of demand lopment of resources.

The percentage of the increase of the revenue in each tahsil compared with deve- over that fixed at last Settlement, may be compared as follows with the increase of its material resources since last Settlement:

Tahsíl.		PERCENTAGE OF INCREASE OF										
		Revenue.	Cultiva- tion.	Irriga- tion,	Wells	Popula- tion.	Cattle.	Prices.				
Goháua Rohtak Sámpla Jhajjar		25·83 39 69 4·72 11·77	38 57 9 22	52 46 78 24	28 26	359 607 15-209 15-209	60? 80? 35? 3 0?	30-40 p. o. ditto ditto, 20-25 p. c.				
Total		18 73	32	51	26							

The increase on the current revenue demand of each tahsil is as follows: Gohána 27.22 per cent., Rohtak 41.21, Sámpla 6, Jhajjar 8.85, and for the whole district 19.19. The increase of cultivation in Jhajjar was considered by Mr. Purser to be nominal rather than real. The increase of irrigation in Gohána and Sámpla was no doubt largely foreseen and discounted at the last Settlement; this is proved, especially in the latter case, by the high revenue rates left untouched in the latter case, by the high revenue rates left untouched in the villages in which canal irrigation has chiefly developed, as compared with those in the adjoining villages still unirrigated; moreover, as has been seen, the whole increase nearly took place before 1847. In Jhajjar the unirrigated area recorded at this Settlement was somewhat over the real average, both as regards flooded lands and well lands. The measurements throughout the district were made in seasous fully average, and in Rohtak and Gohána in seasons above the average, viz., the year of 1875, and the early months of 1876. The wells of Sampla tahsil are common in the flood circle only; the whole increase of wells has taken place there, and in that circle an increase in revenue of 27 per cent. was given by the rates proposed. The increase of wells in Jhajjar is more apparent than real, as although a great many new ones have been sunk, a great many also were deliberately put ont of work at Rái Partab Singh's Settlement, and not a few have fallen out of use since 1862. Compared with the value of onesixth of the gross produce (after deducting half the estimated sum from sngarcane, as virtually occupying the ground for two years [three seasons], the revenue now proposed is Rs. 10,61,871 as against Rs. 12,84,220). This test is not a good one where a large sugarcane area is concerned. The result of the rates approaches very nearly to 1/4th of the value of the gross produce; and looking at the uncertainty of seasons in the district, the share taken is quite sufficient; the new revenue and cesses together amount to almost exactly the same value as that of the gross produce.

The revenue actually assessed on the villages of the 14 assessment circles which remain after excluding those with canal irriga-

tion, was as follows:-

Tahsil.				Number of	er Revenne REVENUE ANNOUN-			Loss Incidence			e of
				Circles,	by Rates.	Initial Final,			acre of cu tivation.		eul-
Gohána Rohtak		•••		2 5	Rs. 52,467 2,06,629	Rs. 52,459 2,03,635	Rs. 52,465 2,03,640	2 2,989	R _B .	$\frac{1}{12}$	P. 10 3
Sámpia Jhajjar				5	1,97,702 2,39,202	1,97,011 2,32,599	1,97,387 2,33,490	315 712	1	2 1	7 4
		Total	•••	14	6,96,000	6,85,704	6,91,982	4,018	0	l5	8

The progressive demands are due entirely to wells protected by leases granted on favourable terms, except as regards Rs. 400 in Rattauthal, Jhajjar. In Sampla the flood-circle was assessed a good deal below rates, but this was nearly made up in the rain-land circle. In Jhajjar the loss caused by having to assess the Rájpút villages far below the result of rates was not entirely recovered else-

Chapter V. B. Land and Land Revenue.

Reasons for present estimates.

Final Assessment non-canal Circles.

Chapter V, B. Land and Land Revenue.

Final Assessment

Facts for future consideration.

Assessment of canal villages.

Owners' rates.

where. A sum of Rs. 459 is included in the revenue of Zahidpúr, Jhajjar, on account of the profit which the owners receive from the salt manufacturers. The hákimi tax of 6 pie per maund is still taken by Government in addition; and, should the manufacture of of non-canal circles, salt ever fail, a reduction of assessment will have to be made to the village as far as the Rs. 459 are concerned (see Financial Commissioner's No. 758 of 30th June 1879, and Government Punjab's No. 955 of 22nd August). The revenue fixed is throughout moderate and equable, and will be paid with promptness in ordinary years. Some of the Rájpút villages in the south of Jhajjar will, no doubt, find their burdens very heavy, although exceedingly lightly assessed as compared with the adjoining estates; but these are held by men who must be driven out in the end. To quote Mr. Lyall's words: "They are fit only for the position of tenants living from hand to "month, with no credit to pledge, and compelled to work by the "necessity of living and by compulsion from above." There is little else to add on the assessment of these villages. The possible entire failure of the Sáliibi-Indori floods, the spread of dáb grass, or salt efflorescence in the flood and some well villages, the falling out of use of wells in any well estates, and the drifting of sand over cultivation, are the main dangers which may be anticipated, in addition to the unfortunate flooding of villages by the canal in Sampla.

In the assessment of the canal villages, it was necessary to frame "owners' rates" under Act VIII of 1873. When the Settlements of the old Delhi territory were commenced, it was determined that the wet and dry assessment of the lands irrigated by the Western Jumná canal should be fixed separately, and not in a lump sum, as had been the case formerly. It was also decided, after much consideration and consultation, to fix the owners' rates according to the "proportional method;" that is, to make them a fixed portion of the rates for the use of water, or occupiers' rates. The law laid down that the owners' rate must not exceed the difference of the wet and dry rates adopted, and the Puujab Government laid down that it should be a simple fixed fraction of the occupiers' rates; to reconcile these two orders, based on very different sets of circumstances, and to secure the full revenue of the canal tracts fell to the share of the Settlement Officer. In Sampla Mr. Purser decided to take onehalf of the occupiers' rate as the nearest simple fraction to represent the owners' rate, and the same result was arrived at for the other two tahsils also; this had already been the case in Panipat, and afterwards became the case throughout the lands watered by the Western Jumná canal in the three districts of Karnal, Delhi and Rohtak. The canal lands were assessed separately at the lump wet rates, and then at the ordinary dry rates of the circle, according to the kiud of soils; the difference between the results of the two sets of rates gave the owners' rate. This was then compared with the incidence of the average occupiers' rates paid for the last ten years, and the nearest simple fraction of the occupiers' rates to represent the difference of the wet and dry rates was found to be a half. But as the average canal irrigated area of the period adopted was a good deal less than that shown by Settlement measurements, the result of the dry assessment of Settlement canal lands added to the owners'

Loss on owners' rates.

rates calculated at half occupiers' rates on the average departmental area, failed to give the full revenue resulting from the assessment of canal lauds at lump wet rates. Even taking the Settlement canal area, and applying to it the incidence of the occupiers' rate per acre on the departmental area, there was still a loss of nearly Rs. 13,000, or about 4 per cent. of the whole revenue of the canal circles, assessing the canal lands at the proposed lump rates. The figures may be shown as follows:—

-8			,				
			REVENUE	BY SEPARA			
Name of Circle) .	Revenue by Lump Rates.	Dry Rates.	Owners' rates at half of average occupiers'.	Total,	Loss by Separate Rates.	Owners' Rates on Settlement area.
		Rs.	Rs.	Rs,	$\mathbf{R_s}$	Rs.	Rs.
Gohána, Central	•••	1,89,166	1.14 319	57,406	1,71,725	17,441	63,656
,, East		44,031	27,361	13.824	41,185	2.846	15.451
Rohtak	•••	45,802	31,190	12,911	44,101	1,701	14,439
Sámpla	•••	87,023	56,169	25,934	82,103	4,920	30,548
TOTAL	•••	3,66,022	2,29,039	1,10,075	3,39,114	26,908	1,24,094

But as the owners' rate portion could not be conveniently raised it became necessary to increase the dry assessment of canal irrigated lands. All these points were discussed in detail in a separate report on the owners' rates, and in the orders passed on it; these papers have been printed, and have been bound up with the Assessment Reports, where they may be consulted (Proceedings, Punjab Government, No. 13 of October 1879). The general upshot was that incidence of the dry revenue on the canal lands was raised

Circle.	Circle.		ACRE OF DEY RE- E LANDS OF THE CLB,
		Former.	Now.
Gohána, Central ,,, Eastern Rohtak Sámpla		Rs. As. P 1 2 10 1 2 11 1 0 7 1 4 0	Rs As, P. 1 5 1 1 5 5 1 1 5 1 6 2

were not, of course, applied to the canal lands alone as they stood. The result of their application to the canal lands in their dry aspect was added to the assessment of the remaining unirrigated lands of the circles, and the whole was redisdributed by a single rate over all the lands with the result as noted in the margin. It was admitted that under the new system the dry assessment of some estates would be much above a true one, and even above what could be fairly realised from the village if canal irrigation was entirely or perhaps very largely withdrawn, and it was ordered that such cases should be noticed in the Village Note-books, and this was accordingly done. Mr. Purser was of opinion that the dry revenue

Chapter V, B.

Land and Land Revenue. Loss on owners

rates.

Enhancement of the dry revenue.

from Re. 1-4-1 to Re. 1-9-0 per acre in the Gohána ceutral circle; from Re. 1-4-1 to Re. 1-6 in the Gohána eastern circle; from Re.1-4-7 to Re. 1-9 in the Sámpla circle; and from Re. 1-1-8 to Re. 1-4 in the Rohtak

Chapter V, B. Land and Land Revenue. Final assessment of canal villages.

of a number of villages assessed according to the new rates was much too high in any case, and a special report was submitted on them. After considering the views advanced, the Financial Commissioner agreed to reduce the dry assessments of the revenue by a sum of Rs. 1,055 in six villages, and the final demands for the canal circles were fixed as follows:-

	REVEN	UB PINALLY A	INCIDENT PER ACRE OF CULTIVATION.		
Name of Circle.	Dry.	Estimated Owners' Rates.	Total.	Dry.	Total.
Gohána, Central ,, East Rohtak Sámpla	Rs. 1,27,953 30,950 32,964 62,342	Rs, 60,399 14,151 13,406 29,223	Rs, 1,88,352 45,101 46,370 91,565	Rs. As. P. 1 5 1 1 5 5 1 1 5 1 6 2	Rs. As. P 1 15 1 1 15 2 1 8 9 2 0 6
Total	2,54,209	1,17,179	3,71,388	1 4 9	1 14 5

The initial revenue is Rs. 125 less than this, viz., Re. 1 in Gohána, Rs. 41 in Rohtak, and Rs. 83 in Sámpla. The result of the detailed assessments is higher than that of the rates by Rs. 5,366, but the estimated income from owners' rates is taken as Rs. 7,000 above the average deduced from the occupiers' rates of the last ten years. There is every reason, however, to believe that the full sum put down as the estimate of owners' rates will be realised. Irrigation has increased of late especially in Sampla, and the average of the last five years is perhaps higher than that for the whole ten. The assessment of the canal lands is, of course, more or less experimental, and the working of the new system will have to be earefully watched. Probably a certain amount of irrigation will be given up in some villages, but there are many others eager for a new or larger share, and there is no doubt that after a few years the full estimated income from owners' rates ought to be realised.

Owners' rates system.

Short Settlement &c.

There is one point more to note with reference to canal-irrigated for swamped estates, villages, viz., the treatment of those suffering from swamp or the development of saline efflorescence or both. After a full discussion of the question with regard to such estates in Karnal, it was determined that where they could pay only a very low and inadequate dry assessment because of the high amount of their owner's rates, due to the excessive irrigation which they are obliged to have recourse to in order to grow any crop at all, they should be settled for five years only; and the same rule was extended to Rohtak. In accordance with it, the villages of Bhádauthí, Bhádauthí-Búsánah, and Siwánkalı in Gohána, and of Zíá-ud-dínpúr in Sámpla, have received Settlements for five years, and will come under re-assessment in the autumn of 1884.

The assessment of the whole district,

The full and complete assessment of the whole district may be thus shown by tahsils, as compared with the existing revenue and the results of the rates sanctioned. The Government of India has ruled that collections on account of owners' rates are not to be classified as land-revenue, and they are therefore shown separately here:-

		Old	Revenue	New R	EVENUE ASSE	SSED.
Tahsíl.		revenue, 1878-79.	by rates.	Total.	Land revenue.	Ownera' rates.
Gohána Rohtak Sámpla Jhajjar		Rs. 2,23,933 1,78,678 2,68,605 2,18,437	Rs. 2.85,663 2,52,425 2,84,726 2,39,202	Rs. 2,85,918 2,50,010 2,88,952 2,38,490	Rs. 2,11 368 2,36.6°4 2 59,729 2,38,490	Rs. 74,550 13,406 29,223
Total		8,89,653	10,62,016	10,63,370	9,46,191	1,17,179

Chapter V, B. Land and Land Revenue.

The assessment of the whole district.

The initial land-revenue is Rs. 6,403 less than the above, viz., Rs. 7 in Gohána, Rs. 46 in Rohtak, Rs. 459 in Sámpla, and Rs. 5,891 in Jhajjar. A sum of Rs. 889, on account of the dry assessment of gardens, and of Rs. 423, due as owners' rates from the same, is included in the above full revenue, so that the result of the detailed assessments is Rs. 51 below that given by the rates approved of. The loss on account of the abolition of progressive demands in the rain-land circles has been made up in the canal circles, but the fact of the estimate on account of owners' rates being over the actual average of the past, must also be borne in mind. The ultimate increase over the amended revenue demand of the last Settlement is Rs. 1,69,011, or 18.88 per cent., and over the revenue of its last year Rs. 1,73,717, or 19.51 per cent. Of the new revenue, Rs. 7,280 (Rs. 650 in Sampla and Rs. 7,244 in Jhajjar), are enjoyed by grantees, and Rs. 300 (viz., Rs. 100 in Bahadurgarh, and Rs. 200 in Kalánaur) by inamdárs; the rest is paid into the Government treasury. Over and above the full revenue, Rs. 6,919 have been assessed on revenue-free plots for the purpose of cesses, and with a view to future lapses, which will add some Rs. 7000, to the rent roll during the period of Settlement, The question of enjoyment of the owners' rate by grantees whose rights are of old date, has been decided in favour of the grantees. About 402 acres, of which the revenue is assigned permanently, were irrigated at the first Regular Settlement, half in Rohtak and half in Gohána: and now that it has been decided to allow the grantees to receive the owners' rates on these lands, the full revenue is reduced by about Rs. 500. Bir Barkatábád in Sámpla is settled iu perpetuity at a revenue of Rs. 2,344. Finally, it should be stated that, in addition to the above revenue, a sum of Rs. 15,627 was assessed on the villages of the district on account of the fees of chief headmen and zaildárs. and was afterwards allowed off the assessment. The detail is as follows :-

Increase.

For chief headmen. For Zaildárs. Total. Tahsíl. RsRs. As. 1.462 0 A۶. RsGohána 2,101 0 3,563 ••• 2,302 8 1684 8 Rohtak 3,987 Sámpla 2,542 0 1.965 0 4,507 ••-••• ... 1,261 Jhajjar 2.308 8 3,570 9,254 0 6,373 0 ... 15,627

The incidence of the new revenue for each tahsil, and for the whole Incidence of new district, exclusive and inclusive of owners' rates, is as follows:

Amount allowed for z uldáre and chief headmen.

revenue.

Chapter V, B. Land and Land Revenue. Incidence of new revenue.

W	EXCLUSIVE OF OW	TEES' HATE.	Exclusiv	e of Owne	RS' RATE,
TAHSIL.	On Culti- vation. On assess		On culti- vation.	On assess- ed area	On total area.
Gohána Rohtak Sámpla Jhajjar	0 12 9 0 10 1 3 3 1 1 1 1 4 0 14	0 15 9 0 10 0 0 15 11 0 12 10	Rs. A. P. 1 11 0 0 13 6 1 5 6 1 1 4 1 2 11	Rs. A. P. 1 6 10 0 11 3 1 2 11 0 14 0 0 15 10	Rs. A. P. 1 5 3 0 10 7 1 1 8 0 12 10 0 14 9

The general incidence per head of agricultural population is Rs. 2-10, of adult male population Rs. 7, per cultivator Rs. 8, per owner Rs. 10, per plough Rs. 21. Among the chief classes of cultivators the incidence is as follows per acre of cultivation: Játs, the 12 clans, Rs. 1-2-5, Miscellaneous Rs. 0-15-1, Brahmins Rs. 0-15-5, Ahirs Re. 1-1-6, Rájpúts-Hindu Rs. 0-12-8, Mussalmán Rs. 0-10-8, Afgháns Rs. 0-14-0. All these figures include the owners' rates. Among the Ját claus the Dahiya and Malik, nearly all of whose villages are irrigated by the canal, pay highest—Re. 1-7-3 and Re. 1-6-5 per acre, and after them the Golia (Re. 1-4-4), with

The cesses imposed in the present Settlement are: (1), local

rates at Rs. 8-5-4 per cent; (2) road, 1 per cent; (3), post, 8 annas; in (4), schools, Re. 1 in Jhajjar and Sámpla, and 8 annas, Gohána

their naturally flooded lands and wells.

Cesses.

and Rolltak, the difference being due to a slip; (5) headman's 5 per cent; (6), patwárís, 3 per cent in Gohána, Rs. 3-4 in Rohtak, and Rs 3-8 in Sampla and Jhajjar, with 4 annas on account of stationery in all cases; on the local rate this cess will be Rs. 3-2 per cent. in all four tahsils. The total sum on account of cesses therefore varies from Rs. 18-9-4 to Rs. 19-9-4 per cent. The amount of these cesses, added to the full revenue and to the allowances for chief headmen and zaildárs, gives a sum total of Rs. 12,82,094. last Settlement amounted to 8 per cent. only in the northern tahsils, and to 10 per cent. in Jhajjar and Bhádurgarh, and during its currency were increased to 16 per cent. The increase of cesses and revenue since 1838 A.D., and 1862 has been Rs. 3,11,196, or 32 per cent., the exact figure of the increase of cultivation

during the same period. As a fact, only the cesses for roads, schools, and posts have as yet been levied on the owners' rates, as legal difficulties stand in the way of the imposition of the local rate and the cesses for headmen and patwáris. These, however, will presently be remedied, and the full cesses will no doubt be then

Increase of cesses and revenue.

Instalments.

levied on the owners' rate as well as on the actual dry revenue. The revenue instalments are four in number: on 15th May and June for spring harvest, and on the 15th November and December for the autumn. The times of these were fully discussed and considered, and various alterations were suggested by various officers, but, flually, it was determined to leave the old dates alone although the reason of two late instalments for the spring harvest is not very apparent: it is a question if a special instalment should not be fixed for the sugarcane crop. The detail of the proportions

in which the people elected to pay the revenue at each harvest are as follows; the two instalments of each harvest are always equal, half and half:-

Chapter V, B. Land and Land Revenue.

Instalments.

Аж	AMOUNT OF INSTALMENT.			CLASS OF VILLAGE.						
Sp	ring.		Aut	umn.		Canal.	Flooded.	Well.	Rain-land.	Total.
8 4 10 6 4 12 11 9	23 23 23 23 24 24 25 27		8 a 6 10 12 4 5 7	nnas		74 1 31 1	23 14 9 5 1	48 3 59 1	14	159 18 325 1 6
7	Cotal					107	53	111	240	511

Nearly all rain-land villages, and a large number of other villages with only a moderate irrigated area, naturally pay the larger portion of their revenue at the autumn harvest, when they gather the two crops of bajra and joar. Three-fourths of the canal villages, and half the flooded villages pay by equal instalments, or by instalments higher in the spring than in the autumn. few exceptions are due to special circumstances.

The new demands have been sauctioned by Government for a period of 30 years, commencing with the autumn harvest of 1879

A.D. except in the few canal villages already noticed.

Mr. Fausliawe thus discusses the prospects of his assessments. Prospects of the new There is little else to say on the subject of the new assessments. Cultivation in Goliána and Sámpla has almost reached its full limit, except in a few cases, such as the villages on the western border of the former; in the west of Rohtak and Jhajjar there will, no doubt, be a considerable increase of cultivation during the next thirty years. Canal irrigation is not likely to extend largely, but its distribution will perhaps be improved; and if the insurance against famine of a larger number of estates is thereby brought about without injuring those whose irrigated area is now unduly great, the trouble spent over the question of owners' rates will not have been spent in vain. In the two flooded circles it is probable that not a few new wells will be sunk, especially if money advances are judiciously made by Government for this purpose. There seems to be no reason to fear any great and general fall of prices: at present they are half as high again as the average taken for valuing the gross produce. Communications will improve no doubt. Excepting some of the Ránghar and Ráipút villages, in which the owners must inevitably fall lower and lower in the struggle for existence, there seems no cause to anticipate that any considerable area of land is likely to change hands, or that the people will become more generally indebted during the next thirty years. In short, the future of the Rohtak district may be looked on with quiet confidence. The check which has been caused to the prosperity of the district by the great loss of cattle in 1877-78, and by the general sickness of last year, is only

Period of Settle-

Settlement.

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temporary; and there appears to be no reason why the material prosperity of the district should not advance steadily year by year until the whole tale of thirty years is full, if only the revenue system is not made to work too rigidly in years of drought and famine.

"The Jhajjar assessment appears light, if judged by its incidence. But this test is deceptive. It is impossible to describe the difference between the Jhajjar villages and those of the rest of the district; this can only be realised on the spot, but no one realising this would consider the Jhajjar revenue demand easy in comparison with the rest of the district. The large area entered as culturable in the flooded circle of that tahsil, and which attracted attention, is not all really so; to a great extent it consists of unculturable sand-hills or soil overrun with dáb grass, and full of salt efflorescence, and even the area lying all the year round under the water of the lakes was classed for some reason as culturable, probably because it may be so once in forty years. The raiu-land assessments in the Gohana and Rohtak tahsils were accepted by the Financial Commissioner on the understanding that suspensions of the revenue would be freely given in years of famine and drought, and the same policy must be pursued in Sampla and Jhajjar, if wide-spread indebtedness is not to follow these seasons; in the latter the necessity is greater than in in any of the other tahsils."

Assignments of land revenue.

Table No. XXX shows the number of villages, parts of villages, and plots, and the area of land of which the revenue is assigned, the amount of that revenue, the period of assignment, and the number of assignees for each tahsil as the figures stood in 1881-82.

A detailed Note on the revenue-free grants of the district, the nature of whose sauction, as regards the three northern tahsils, differs entirely from that of those in the Punjab proper, will be found in the supplementary volume of Memoranda attached to Mr. Fanshawe's Settlement Report. By the people they are called milk and the grantees milki; the grants are usually petty ones effecting small areas, but those of the Shekhs in Rohtak, and those held for three generations in Mehim, deserve special notice, and there are besides ten villages held in whole or in part in jágír—all but one in the Jhajjar tahsil. The Shekhs' grant was resumed in 1832, but restored ter. or twelve years later; the distribution of the area concerned was never exactly carried out in pursuance of the terms of the orders passed. But there is no quarrel among the grantees as to shares. And the exact area held by each has now been carefully recorded. As regards the jágir estates, the entire villages of Shídipúr in Sámpla, and of Fordpur in Jhajjar are re-leased to individuals in perpetuity; Fatahpuri and Kauwah are re-leased for the maintenance of buildings, but it has been ordered that a large share of the latter should be resumed on the demise of the present grantees. Bábrah is held revenue-free for two lives, and Palrah has been recently confined to the heirs male of Raja Sabal Singh in perpetuity. Islamgarlı and Thomaspur are held entirely in $j\acute{a}g\acute{i}r$ for life, and Campbellpur and Sheojipurah are partly so held. Except in the cases of Fatahpuri, Kanwah, and Babrah, the grantees in Jhajjar are also owners of lands whose revenue has been assigned to them; a sum of Rs. 864 was recovered from all grantees as their share of the expense of settling their estates. None of these jágír grants in perpetuity are transferable or alienable, as none of them belong to the old Delhi territory; but the old revenue-free grants in perpetuity in Gohána and Rohtak are transferable. More than half the revenue at present assigned has been granted away for one lifetime only, and lapses will add some Rs. 7,000 to the rent roll during the course of the present Settlement. There are now no taiúl grants left in the Rohtak district; the last—Ridhánah in Gohána—was resumed after 1857. A taiúl grant was a royal one for the maintenance of some member of the royal family.

Table No. XVII shows the area and income of Government estates; while Table No. XIX shows the area of land acquired by

Government for public purposes.

The Government rights in Kankar have been carefully recorded at the recent Settlement. All land owned, or held by Government, was made the subject of a separate brief case, and reported on to the department concerned in its title. The record of nazúl plots was also examined and corrected: a number of patches of land, which were confiscated in 1857, had never been made properly subject to the right of Government: the cases were duly reported for orders. They occurred chiefly in Ridbánah (Gohána) and Robtak, and round Bahadurgarh. The practice of taking up land without paying compensation has led to the anomaly of the land under Government gardens, tanks, and even a tahsil building not being owned by Government; there is no dispute, of course, as to Government's possession in these cases. The question of the title of Government in the lands under the main canals and distributaries, rest-houses, gardens, etc., was one that caused much trouble and investigation. Settlement of 1840, the land in question was, as a rule, recorded as the common property of the village, or of some sub-division of the village, or of private individuals (the areas under each head being in the proportions of about $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{6}$), and in the possession only of Government. The alteration of this entry in the records of the present Settlement could only be made in one of the two legal ways, i.e., by consent of both parties concerned, or in pursuance of a judicial order. The Irrigation Department wished, if possible, to get a better title than one of mere possession, and the Settlement Officers were instructed to do all that they could to induce the people to consent to the lands being entered as Government property in the present papers. It was maintained by the Canal Officers that compensation had been paid for the land in question, but that the papers had been burnt in the Mutiny. This, except in rare instances, is not likely, as in the earlier days of our administration it was usual for Government to take up land without payment. and to restore it to the villages when no longer required. Moreover, in some cases the land had been taken possession of since last Settlement, and the people had been paying the revenue assessed on it all along. The land under the main distributaries came into Government possession only after 1866, when, in consequence of the imposition of higher occupier rates, the Irrigation Department decided to relieve the people of the trouble of maintaining and clearing these water-courses; for these the Department asked only for

Chapter ∇ , B.

Land and Land Revenue.

Assignments of land revenue.

Government lands and other rights.

Government title in canal lands.

Chapter V, B. Land and Land Revenue. Government title

in canal lands.

a title of exclusive possession as long as they should be maintained. For the lands under the drainage channels in Sámpla, and the new water-course in Gohána, compensation had been duly paid, and they were entered as Government property; while for the lands under the main canal, Government in its No. 362 of 3rd September, 1873, ordered that, if possible, they should be recorded as property of Government, and if not, as the common property of the villages, subject to the exclusive right of possession by Government as long as the canal was maintained; the lands under the gardens and bungalows were to be taken up, and paid for, if they could not be otherwise acquired. At last final orders on the whole question were issued on a letter of the Financial Commissioner, Mr. J. B. Lyall, No. 261 of 2nd March, 1879, by the Government (Irrigation Department) letter No. 294 of 20th January, 1880. In his letter the Financial Commissioner accepted generally the views maintained by the Robtak Settlement Officers. He believed that probably no compensation had been paid for the land, but that, as was usual formerly, the people had consented to its appropriation by Government with regard to the purpose for which it was required, and that they were, therefore, morally entitled to receive the land back when it was no longer needed for that purpose. He was also of opinion that the question of Government title arising from long possession should not be raised; considering the nature of the entries at the last Settlement, it is very doubtful if the Government possession could be considered other than permissive since that time. Accordingly he proposed, and Government sanctioned his proposals. (1) that where there was reason to believe that compensation had been paid, and the people admitted the Government title, the entry of the Government proprietary right should be made, but that if they did not admit it, the possession of Government merely should be entered, and the claim of Government to be owner noted; and (2) that where there was reason to believe that no compensation had been paid, if the people had consented to give Government the full proprietary title, this entry should be modified by the addition of the reversionary right of the people, and if they did not consent, the Government should be entered in exclusive possession, as in the former records, and admitting only a reversionary right of the villagers. Disputes as to possession were to be summarily decided on their merits in the usual way. The results of the entries made as to these lands in Rolitak under the above instructions were reported in the Settlement Officer's Nos. 68 of 13th April, 1880, and 103 of June 23rd, 1880. The real point at the bottom of the dispute was the question of the ownership of trees, should the land be given up to the people when it ceased to be required for the use of the canal. This, however, is not an insuperable one. In many places trees belong to a different person from the owner of the land in which they stand. When land now under the canal is restored to the people, the trees will remain Government property as before, and will be looked after by Government officers; any attempt to cut them would be punishable as stealing.

CHAPTER VI.

TOWNS AND MUNICIPALITIES.

At the Census of 1881, all places possessing more than 5,000 inhabitants, all municipalities, and all head-quarters of districts Towns and Muniand military posts were classed as towns. Under this rule, the following places were returned as the towns of the Rohtak district:--

Chapter VI. cipalities. General statistics of towns.

Tabsíl.		Town	Town.			Males.	Females.
		Rohtak			15,699	8,155	7,544
		Beri	•••	•••	6,695	4.956	4,739
Rohtak		Kalanaur	•••	•••	7.371	3.698	3,673
поциак	••• 1	Mahm	•••	•••	7,315	3.536	3.779
	1	Kánhaur			5.251	2,554	2.697
	į	Sánghí	•••		5.194	2,771	2,423
Jhajjar		Jhajjar	•••		11,650	5,693	5,957
Sámpla		Bahadurgarh			6,674	3,231	3.443
•		Kharkhauda	•••		4.144	2.119	2,025
	- (Bútánah	•••	•••	7.656	4,226	3,430
7.17	١ ١	Gohana	•••	•••	7.411	3,755	3,689
Gohána	₹	Barodah	•••	•••	5,900	3,187	2.713
	(Mundlánah	•••	•••	5,469	2,975	2,494

The distribution by religion of the population of these towns and the number of houses in each are shown in the Table No. XLIII. while further particulars will be found in the Census Report in Table XIX and its appendix and Table XX. The remainder of this Chapter consists of a detailed description of each town, with a brief notice of its history, the increase and decrease of its population, its commerce, manufactures, municipal government, institutions, and public buildings; and statistics of births and deaths, trade and manufactures, wherever figures are available.

Head-quarters of the district and of a tahsil and thana. The town of Rohtak lies in north latitude 28° 54' and east longitude 76° 38′ 30", and contains a population of 15,699 souls. It is situated on the road between Delhi and Hissar, 44 miles to the north-west of the former city, and, viewed from the sandhills to the south, forms with its white mosque in the centre, and the fort standing out boldly to the east, a striking and picturesque object. The civil station and public buildings at head-quarters lie east of the town. The first civil station was situated north-west of the city, by the Gaokaran tank; but the present site was adopted before 1830 A.D. The public garden and station roads are well-shaded by fine trees. The town is surrounded by a wall, and has 11 main gates: of these one, known as the Delhi gate, was rebuilt in 1880 at a cost of Rs. 5,000, the money being raised chiefly by private subscription. This gate now forms the entrance to a fine grain market, which is approached through a double row of well-built shops, and

Rohtak town. Description.

Chapter VI.

Towns and Municipalities.

History.

the upper portion of the gate forms a committee room, where the members of the Municipal Committee hold their meetings.

Rohtak is a town of great antiquity, but nothing certain is known of its origin or ancient history. It was held by Powar Rajpúts, one of whom, Rája Rohtas, founded the town of Rohtasgarh, of which the extensive ruins, known also as Khokrá Kot, still lie north of the present city, which bears the old name under a corrupted The town is said to have been rebuilt in the time of form. Pirthí Rája (A.D. 1160) or, according to others, as early as the middle of the fourth century. This town was probably destroyed by Shahali-ud-dín, as in his time the Shekhs came from Yaman and built the fort, and the Afghans from Kandahar settled where the old site of Biralina, so called from the founder Ibrahim Klian, now is, and which they afterwards abandoned for their present quarter of the city. Under the later Mughal rule, the Kaiyaths settled from Bhatnir. There is a third old site called Lalpúra, of which the alleged fate has been narrated in Chapter II. The present town is divided into two parts, Rolitak proper and Babra. The Sheklis occupy the fort east of the city, below which is situated the Sarái Saráogian, where most of the chief mahajans live: at the south-west corner is a small separate quarter of the Putháns. The estate is divided into four hers, and inside them into mohallas. All through the stormy events of the last century, Rolitak was the centre of the pargana of the same name, and was in the hands, now of one chief, now of another, as the chances of war and intrigue might dictate. The town became the head-quarters of a British district in 1824, a position which it has since retained. In other respects it is a town of no considerable importance. It is a centre for the local trade in country produce, but has no foreign trade. The municipality of Roltak was first constituted in 1867. It is now a municipality of the 3rd class. The committee consists of the Deputy Commissioner as president, and the Extra Assistant Commissioner, Civil Surgeon, District Superintendent of Police, Tahsildár, Inspector of Schools, and Executive Engineer as ex-officio members, and 17 nonofficial members who are all selected by the Deputy Commissioner. There is also a bench of Honorary Magistrates. Table No. XLV shows the income of the municipality for the last few years. It is chiefly derived from octroi levied on the value of almost all goods brought within municipal limits. The articles exempted from taxation are cotton, salt, opium, fermented and spirituous liquors, and articles in dyeing. The only manufacture worthy of mention is that of cloth turbans, plain and embroidered, for which it has a local reputation. There are no public buildings of any importance actually within the walls of the town. There is, however, a neatly built dispensary just outside the city, and the district Government school building a little further off. In the Civil Station, which is about half a mile from the city, are the Deputy Commissioner's court and district offices, including a detached police office, a tahsil, dak bungalow, post office and a neat little church which is situated within the station garden. The original church compound now forming part of the garden, which, though small, is one

Taxation, Trade,&c.

Institutions and public buildings.

of the prettiest of its kind in the Punjab. An annual horse show is held here in October, which, though only recently established, Towns and Munipromises to become very popular.

Chapter VI. cipalities.

The population, as ascertained at the enumerations of 1868, 1875 and 1881, is shown below:—

Population and vital statistics.

Limits of Enumeration.		Year of Census.	Persons.	Males.	Females.
Whole town	{	1868 1881	14.153 15,699	7,353 8,155	6.800 7,544
Municipal limits	{	1868 1875 1881	14,258 14,994 15,160		

	Population.			
Town or Suburb.	1868.	1881.		
Rohtak Town Civil Lines	} 14,153 {	15,160 539		

It is difficult to ascertain the precise limits within which the enumerations of 1868 and were taken; the details in the margin give the population of suburbs. The constitution of the population by religion, and the number of

occupied houses, are shown in Table No. XLIII. Details of sex will be found in Table No. XX of the Census Report of 1881. The annual birth and death rates per mille of population since 1868 are given below, the basis of calculation being in every case the figures of the most recent Census :-

Year.	1	BIRTH RATE	9.	DEATH RATES.		
	Persons.	Males.	Females.	Persons.	Males.	Famales.
1868		•••		13	12	13
1869		•••	[31	33	30
1870	25	27	?3	22	21	24
1871	21	22	19	28	26	30
1872	20	12	8	24	24	23
1873	12	7	5	19	20	18
1874	34	18	16	32	30	34
1875	40	22	18	35	37	34
1876	44	22	22	34	34	33
1877	35	19	16	35	36	34
1878	28	16	12	36	55	58
1879	15	8	6	38	43	33
1880	23	12	111	20	21	20
1881	35	18	16	26	27	24
Average	28	15	13	31	31	30

The actual number of births and deaths registered during the last five years is shown in Table No. XLIV.

A municipal town in the Rohtak district, 15 miles south of Rohtak in N. Lat. 28° 42', E. Long. 76° 36' 15", containing a population of 9,695. This town is said to have been founded in 930 A.D. by a trader of the Dogra caste, who called it after his own name. Lying, as it does, on the direct road between Delhi and Bhiwani.

Beri town.

Chapter VI.

Towns and Municipalities.

Beri town.

Ber's is the great trade centre of the neighbourhood, and is the residence of many wealthy traders and bankers. It formed part of the jágír granted by the Marhattas to George Thomas, who took it by storm from a garrison of Játs and Rájpúts. Under British rule, Berí was at first the head-quarters of a naib tahsildár, till in 1861, after the transfer of the Delhi territory to the Punjab, his jurisdiction was absorbed in the Rohtak tahsil. Two largely frequented fairs are held annually here in the mouths of February and October, in honour of the goddess Devi; and at the latter of these fairs, a donkey show has for some years been held, which has recently been taken under district management. The public buildings are a committee room, a police station, a school house, municipal police barrack and a post office. The municipal committee consists of 16 members, of whom 13 are non-official. These are appointed by the Deputy Commissioner, subject to the sanction of Government. Its income for the last few years is shown in Table No. XLV, and is derived solely from octroi duties upon imports.

The population, as ascertained at the enumerations of 1368, 1875, and 1881, is shown below:—

Limits of Enume	ration.	Year of Census.	Persons,	Males.	Females.
Whole town	{	1868 1881	9,723 9,695	5,067 4,956	4,656 4,739
Municipal limits	{	1868 1875 1881	8,723 9,205 9,695		

The constitution of the population by religion, and the number of occupied houses are shown in Table No. XLIII. Details of sex will be found in Table XX of the Census Report of 1881. No separate statistics of births and deaths are available.

Kalánaur Town.

An agricultural village in the Rolitak tahsil, situated on the road from Rohtak to Bhiwani, and 12 miles from the former place. It has a population of 7,371. Kalánaur is famous for its leather work. especially saddlery, which is purchased for the use of Native Cavalry, and is manufactured here to a considerable extent. Kalánaur was founded by two brothers, Punwar Rajputs, named Kalian Singh and Bhawan Singh, who came from Ujain to the Court of Raja Anangpál of Delhi, and married two of his daughters. In consequence of this, they received grants of villages in the Rolitak territory, and settled first at Madinah, but after some time moved to Kalánaur, so called from Kalian Singh. Either to win favour of some Mughal Emperor, or in expiation of some crime, their descendants became Muhammadans. At one time they were dispossessed of their estate by the Farakhnagar Biluchis, but as a large number of them were in service in the Royal Army they found favour again in the eyes of the King, and were restored. There are two pánahs or divisions in the estate, the great and little, so called after the two wives of the original founder.

Town or Suburb.

Kalánanr Town

Gudhán

Jindrán

Year of	Census.	Persons.	Males	Females.
1868		6,858	3,468	3,390
1881		7,371	3,698	8, 673

The population, as ascertained at the enumerations of 1868 and Towns and Muni-1881, is shown in the margin.

It is difficult to ascertain the precise limits within which the enumeration of 1868 was taken;

but the details in the margin, which give the population of suburbs, throw some light on the matter. It would appear, from information supplied by the Deputy Commissioner, that in 1868 both Gudhán and Jíndrán were excluded from enumeration. constitution of the population by

religion, and the number of occupied houses, are shown in table No. XLIII. Details of sex will be found in Table XX of the Census Report of 1881.

POPULATION.

1881.

5,118

1863.

5,646

794 418

Meliim is a small town, 20 miles to the west of Rohtak, and bears traces of an importance in former times greater than it now enjoys. The original town, founded according to the current tradition before the Muhammdan conquest, was destroyed by Shahab-nd-din Ghóri, but was restored in A.D. 1266 by one Pashora, a bania. The Emperor Akhar bestowed the place in jágír upon Shahbáz Khán, an Afghán, under whose descendants it prospered greatly. It was, however, a second time plundered during the reign of Auraugzeb in the course of the desultory warfare carried on by the Rajpúts against that monarch, under the wardenship of the famous Durga The town was gradually re-peopled, but never again attained to any importance. One of the most interesting remnants of old times is a báoli or well having steps down to the level of the water. The steps are constructed of solid blocks of kankar, and the proportions of the edifice are very grand. This báoli was constructed in 1656 by one Saidu Kallal, a mace bearer of the Emperor Shahjelian, and is situated some little distance outside the town. Several other intersting ruins surround the town, chiefly old tombs and masjids of quaint design, and the general view of the town, with its high city walls and brick houses, as seen from the deep depression below it the west, is somewhat picturesque. There are a post office, school, thána and dák bungalow. The two last are within the same walled euclosure. The town has no trude of any importance, and has no Municipality. A chaukidári tax is levied on all residents, from which a small conservancy establishment is maintained.

The population, as ascertained at the enumerations of 1868 and 1881, is shown in the margin.

Year of	Census.	Persons	Males	Females
1868 1881		6,768 7,315	3,651 3,536	3.117 3,779
j		·		

The constitution of the population by religion, and the number of occupied houses, are shown in Table No. XLIII. Details of sex will be found in Table XX

of the Census Report of 1881.

An agricultural village situated on the old customs line. 15 miles north-west from Jhajjar, and 11 from Rohtak. It has a

Chapter VI. cipalities.

Kalánaur Town.

Mehim Town.

Kanhaur Town,

Chapter VI.

Towns and Municipalities.

Kanhaur Town.

population of 5,251, and contains a school and a post office. There is a fine tank with *pipal* trees inside the village. The population, as ascertained at the enumerations of 1868 and 1881, is shown in the margin. The constitution of the population by religion, and

Year of	Census.	Persons.	Males.	Females.
1868		4.471	2.190	2,281
1881	•••	5,251	2,554	2,697
J				l

the number of occupied houses, are shown in Table No. XLIII. Details of sex will be found in Table No. XX of the Census Report of 1881.

Sáughi Town.

An agricultural village situated about a mile from the right bank of the Rohtak branch of the W. J. Canal, nine miles from Rohtak. It contains a population of 5,194. There is a canal bungalow at this point, which takes its name from the village. Has a school and post office.

The population, as ascertained at the enumerations of 1868

and 1881, is shown in the margin.

Yesr of Census.	Persons.	Males.	Females.
1868	5.117	2,845	2,272
1881	5,194	2,771	2,423

The constitution of the population by religion, and the number of occupied houses, are shown in Table No. XLIII. Details of sex will be found in

Table No. XX of the Census Report of 1881.

Jhajjar Town.

The head-quarters of a tahsil in the Rohtak district; is situated 35 miles west of Delhi and 21 miles south of Rohtak, in latitude 28° 37', and longitude 76° 41'. It contains a population of 11,650 souls, and, viewed from the Sampla road beyond the old tanks lying outside the town, forms a striking object. The name is probably derived from its supposed founder, one Chaju, a Bákulán Ját, of whose clan some 25 families are still to be found in Jhujjar. Another derivation would take the name from a natural fountain called Ghar Naghar; and a third, from jhajjar, a water-vessel, because the surface drainage of the country for miles round runs into the town as into a sink. The town was destroyed in 1193 A.D. by Shaháb-ud-día, as a punishment for fighting on the side of Prithi Rája. It was re-founded by some Gothia (Gallat) Jats, after whom the Ráipúts, Kázis and Bhattis settled, and later the Kaiyaths. When the Rájpúts began to oppress the others, the latter called in the Yusafzái Patháns, who lived on the old site which lies above the town, east of the Rohtak road, and who destroyed the Rájpúts in the old approved fashion by blowing them up with gnnpowder at a feast. The Patháns then changed their habitation to the town, and occupied the quarter called "Khail," the other portion being named Qasbah.

Jhajjar was almost depopulated by the famine of 1793, but has since regained its prosperity. It was formerly the seat of the Nawábs of Jhajjar, whose history has been sketched in Chapter II (page 23). After the confiscation, Jhajjar became the head-quarters of a British district, which, however, was broken up in 1860.

The town of Jhajjar has been constituted a third class Municipality. The Committee consists of 19 non-official members appointed by nomination, and 6 ex-officio members, viz, the Deputy

Chapter VI.

cipalities.

Jhajjar Town.

Commissioner (President), the Civil Surgeon, the Executive Engineer, District Superintendent of Police, Extra Assistant Com- Towns and Munimissioner, and the Tahsildár. There is also a bench of Honorary Magistrates. The income for the last few years is shown in Table No. XLV, and is derived solely from octroi. A small trade in grain and other country produce is carried on in the bazár, but Jhajjar is chiefly famous for its dyes and its pottery. The principal buildings are the old palace of the Nawabs, now used as a talisil, and the new palace, known as the Bagh Jahanara, which has been converted into a district rest-house, a school house, and a dispensary. There is also a thána and a post office. At a short distance to the south-east of the town are some picturesque old ruins, which are said to be the tombs of ancient Mahomedan celebrities, and there are also some tanks in the neighbourhood of the town.

Limits of Enumeration,	Year of Census.	Persons	Males.	Females.	
Whole town {	1868 1881	12,617 11,650	6,088 5,693	6,529 5,957	
Municipal limits	1868 1875	12.613 12,456			
. (1881	11,242	•••		

The population, as ascertained at the enumerations of 1868, 1875 and 1881, is shown in the margin.

It is difficult

to ascertain the precise limits within which the enumerations of

Town or Suburb.	POPULATION.		
	1868.	1881.	
Jhajjar town Old Cantonments Jation ká bágar, Khwájpúr	12,617	{ 10,980 409 262	

1868 and 1875 were taken: but the details in the margin, which give the population of subnrbs, throw some light on the matter. The figures for the population within Municipal limits

according to the Census of 1868, are taken from the published tables of the Census of 1875; but it was noted at the time that their accuracy was in many cases doubtful. It would appear, from information supplied by the Deputy Commissioner, that Jation ká Bágar, Khwájpúr, and the old Cantonments, were excluded from enumeration in 1868, and included in 1875; while in 1881 the old Cantonments lay outside Municipal limits.

The constitution of the population by religion, and the number of occupied houses, are shown in Table No. XLIII. Details of sex will be found in Table No. XX of the Census Report of 1881. The annual birth and death rates per mille of population since 1868 are shown in the table on next page, the basis of calculation being in every case the figures of the most recent Census.

The actual number of births and deaths registered during the last five years is shown in Table No. XLIV.

A Municipal town in the Rohtak district, north latitude Bahá Largarh Town. 28° 40′ 3," east longitude 76° 57'; contains a population of 6,674. Lies 18 miles west of Delhi on the road to Rohtak. The name of the town was formerly Sharafábád, and it was settled 30 generations ago by Rathi Jats. In 1754 a.D. it was given in jugir

Chapter VI. Towns and Municipalities. Jhajjar Town.

Year.		Bri	RTH RATE	8.	DEATH RATES.		
		Persons.	Males.	Females.	Persons.	Males.	Females
1868			•••		8	11	6
1869		[•••	•••	27	31	23
1870		7	9	6	15	19	10
1871		21	25	16	28	30	26
1872		11	6	5	18	17	18
1873		13	8	5	32	32	31
1874		29	18	12	23	27	20
1875		18	10	8	23	22	24
1876		23	13	10	17	18	16
1877		37	19	18	29	29	30
1878	***	24	13	l ii	35	35	34
1879		24	13	ii	107	99	114
1880		28	15	12	20	23	13
1881		45	25	20	26	25	20
Average	•••	25	14	ii	81	31	3

Bahádargarh Town, with 25 other villages by Alamgir II to Bahádar Khán and Tái Muhammad, Biluchis of Farakhnagar, who built a fort and called the place Bahadurgarh. It remained for the next 40 years under their rule, and that of their nephew, who succeeded them. jágír was resumed by Sindhiá in 1793; but in 1803 the town and its dependent villages were again bestowed by Lord Lake upon Ismail Khán, brother of the Nawáb of Jhajjar. His family retained this estate until 1857, when it was confiscated owing to the disloyalty of Bahádar Jang Khán, the reigning chief, and became part of the Rohtak district in 1860. There is a Municipal Committee, consisting of 13 members appointed by nomination. The income of the Municipality for the last few years is shown in Table No. XLV, and is derived from octroi. There is also a bench of Honorary Magistrates. There is a small trade in country produce, and several merchants and money-lenders live in the town. The public buildings are a dispensary, school, supply barrack for chaukidárs, a committee rooin, buugalow, and a thána. Of these, the two last are situated outside of, and about a quarter-of-a-mile from, the town. The dispensary and school are located in two of the old confiscated native buildings.

The population, as ascertained at the enumerations of 1868, 1875, and 1881, is shown in the margin.

It is difficult to ascertain the precise limits within which the

Limits of Ennmeration	Year of Census.	Persons.	ersons. Males.		
Whole town {	1868 1881	7,259 6,674	3,570 3,231	3,689 3,443	
Municipal límits {	1868 1875 1881	6,659 7,127 6,674			

enumerations of 1868 and 1875 were taken. The figures for the population within Municipal limits, according to the

Census of 1868, are taken from the published tables of the Census of 1875; but it was noted, at the time, that their accuracy was in many cases doubtful. The constitution of the population by religion, and the number of occupied houses are shown in Table No. XLIII. Details of sex will be found in Table XX of the Census Report Towns and Muniof 1881.

Chapter VI. cipalities.

Like Mehim, this is an ancient town, bearing traces of a pros-Kharkhaudah Town, perity greater than it now enjoys. It may, in fact, now be said to be falling into decay. In 1881 the population was nearly decimated by fever, and many of the survivors left the town in consequence, which caused the trade of the town to fall off altogether for a time, but it is now gradually recovering itself. It contains one or two wealthy residents, and has a Municipal Committee consisting of 11 members appointed by nomination. Its income for the last few years is shown in Table No. XLV, and is derived from octroi tax on goods imported into the town. It is, however, so small that but little can be done in the way of improvements. It contains a thána, a police rest-house, a school, and post office.

Kharkhaudalı stands on the spot where a cattle enclosure (kheraki) of a Dahiya Jat once was. Some Royal Governor, passing that way, bade the Jat found a village there, and for that purpose left him six troopers. These men were a Súfi, a Rúmi, a Sálár, a Koreshi, a Góri, and a Khilchi; they turned to agriculture and settled themselves, and from them are descended the present proprietors. The Brahmins, Kaláls, Mális, and Mahajans settled later, and the Jats, as is often the case in mixed estates, presently left the village. There are two pánahs in it; one of Hindus, and

one of Muhammadans.

Whole town

Municipal limits

Limits of Enumeration | Year of Census. Persons

... {

1868

1881

1869

1875 1881

The population, as ascertained at the enumerations of 1868, 1875,

2,190

2,119

.....

.....

Males. Females

2,072

2,025

.....

and 1881, is shown in the margin.

The constitution of the population by religion, and the number of occupied bouses, are shown in Table No. XLIII.

Details of sex will be found in Table No. XX of the Ceusus Report of 1881.

4.262

4,144

4,082

4,185

4,144

Bútána is a large and flourishing village in the Gohána tahsúl, of which the inhabitants are almost exclusively agriculturists. It is situated upon a branch of the Western Jumna Canal, to which it gives its name, 19 miles from Rohtak. This village pays the largest revenue in the district, and the realisations from it on account of cesses, water rates, and land revenue do not fall far short of Rs. 25,000.

The population, as ascertained at the enumerations of 1868

Year of Census.	Persons	Males	Females
1868	6,197	3,328	2,869
1881	7,656	4,226	3,430

and 1881, is shown in the margin. The constitution of the population by religion and the number of occupied houses are shown in Table No. XLIII. Details of sex will be

found in Table No. XX of the Census Report of 1881.

Head-quarters of tahsit and a municipal town, situated on the Rohtak brauch of the Western Jumna Caual, 20 miles north of Bútána Town.

Gohána Town.

Chapter VI.

Towns and Municipalities.

Gohána Town.

Rohtak, latitude 21° 8' longitude 70° 45'; it contains a population of 7,444 souls. The town of Gohana was once the site of a fort belonging to Pirtlii Rája, and was called Daryápúr after one of his chiefs. This fort was destroyed by the Ghori invader Shahab-ud-din, and the place was afterwards occupied by Taga Brahmins. The tank of Rolita's with its natural spring made it a desirable one, and two Chanhan Rajputs, Tej Singh and Fatteh Singh, who had settled at Rána Khéri, cast eyes of longing upon it. They, therefore, conspired with two traders of Butana, and with their aid exterminated the Brahmins at a feast, except one woman who was absent at the time. She laid her complaint against them before the Delhi King, who sent a body of Patháns to arrest the murderers. These, however, were corrupted by a gift of land from the Raiputs, and settling. there, formed the Afghan estates which lie east of the canal. But a second force despatched from Delhi captured the perpetrators of the deed, and carried them before the King. One of the Raiputs consented to turn Muhammadan, and became the ancestor of the Gohána Chaudhris; the other refused, and was killed. One of the traders managed to substitute for himself his family priest, and survived to become the forbear of the Gohana banias; the second turned fakir after his conversion, and died a recluse. About 100 years ago, the miscellaneous owners of the estate, who are Mális, Khátis, Shekhs, Telis, and Kassabs, were taken in to help to pay the revenue; but the three main divisions of the estate are the pattis of the Rájpúts, Mahájans, and Afgháns, named after the three original tribes of settlers.

Apart from its position as head-quarters of the tahsil, the town is of no importance, political or mercantile. Its trade is confined to a petty retail business in a small bázar. A yearly fair is held at the tomb of Sháh Zaiuldín Muhammad, a holy man, who accompanied the conqueror of Pirthi Rája to India. There are two temples in honour of the Jain Arlat Párasnáth, at which a yearly festival takes place in the mouth of Bhádon. The public buildings are the tahsil, a police station, a dispensary, sarai, committee-room, municipal police barrack, post office, and school. The municipal committee consists of 17 members. The income of the Municipality, for the last few years, is shown in Table No. XLV, and is derived from octroi tax. Seen from the Khandrái high-lands, with the large tank above it, and the Hindú temple on its highest spot, backed by the dark foliage of fruit gardens, Gohána forms one of the prettiest views in the district. A fine avenue of trees leads from the town to the tahsil.

Limits of Enumer	atiou.	Year of Census	Persous,	Males	Females,
Whole town Municipal limits	{ {	1869 1881 1868 1875 1881	7,124 7,444 7,124 7,296 6,738	3,626 3,755 	3,499 3,689

The population, as ascertained at the enumerations of 1868, 1875, and 1881, is shown in the margin.

Gohana Town ...)

Wazirpúra Garbi Khatikhán)

Population. Town or guburb. 1868. 1881.

7,127

§ 6,738

121

It is difficult to ascertain the precise limits within which the enumerations of 1868 and 1875 were Towns and Muni-The details in the margin give the population of suburbs. The figures for the population within Municipal limits, according to the Census of 1868, are taken from the published tables of the Census

Chapter VI. cipalities.

of 1875; but it was noted at the time that their accuracy was in many cases doubtful. It would appear. from information supplied by the Deputy Commissioner, that between 1868 and 1875, Wazirpúra was included in, and Garhi Khatíkán excluded from, Municipal limits. The constitution of the population by religion, and the number of occupied houses are shown in Table No. XLIII. Details of sex will be found in Table XX of the Census Report of 1881.

Baróda Town.

Baródá is a large and flourishing agricultural village in the Gohana tahsil, situated upon the Bútana branch of the Western Jumná Canal, 17 miles from Rohtak.

The population, as ascertain at the enumerations of 1868 and 1881, is shown in the margin.

Year of Census.	Persons.	Males.	Females.
1868	5,124	2,745	2,379
1891	5,900	3,187	2,713

The constitution of the population by religion and the number of occupied houses are shown in Table No. XLIII. Details of sex will be found in

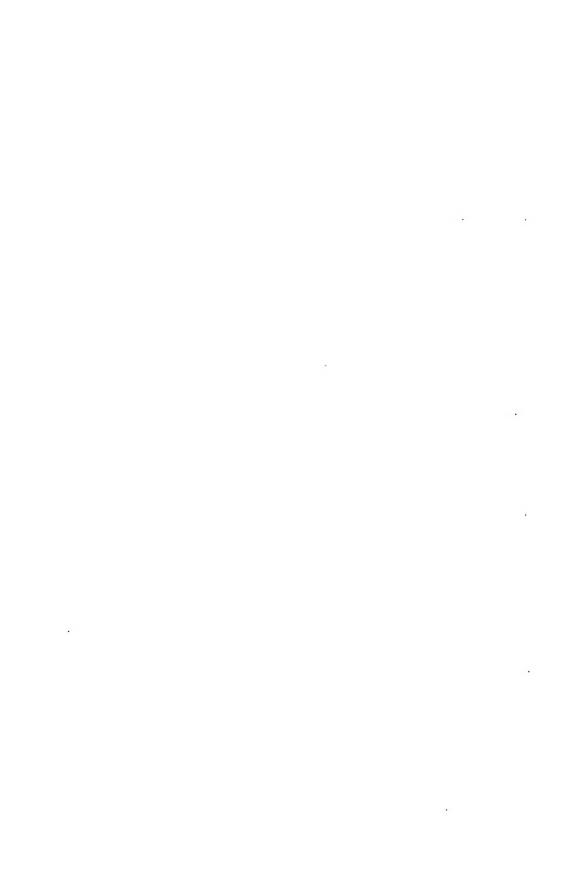
Table XX of the Census Report of 1881.

Mundlána town.

rom orm	Rohtak er place	on the	ne Gohá ontains	ina-Pán a school	ipat road, and six miles from the and a post office. The popu-
Year	of Census.	Persons.	Males.	Females.	chainerations of 1000 and 1001,
1868 1881		5,109 5,469	2,875 2,975	2,234 2,494	is shown in the margin. The con- stitution of the population by

An agricultural village in the Gohána tahsíl, situated 27 miles

religion, and the number of occupied houses, are shown in Table No. XLIII. Details of sex will be found in Table XX of the Census Report of 1881.



STATISTICAL TABLES

APPENDED TO THE

GAZETTEER

OF THE

ROHTAK DISTRICT.

(INDEX ON REVERSE).

"ARYA PRESS," LAHORE.

STATISTICAL TABLES.

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Rohtak District.]

Table No. II, showing DEVELOPMENT.

1		2	3	4	5	6	7
DETAILS.		1853-54.	1858-59,	1863-64.	1868-69.	1873-74.	1878-79.
Population				·	531,118		553 ,609
Cultivated acres				1	905,600	905,839	906,022
Irrigated acres					146,993	134,388	147,233
Ditto (from Government works)		•			122,038	99,209	123,675
Assessed Land Revenue, rupees					8,97,572	8,98,206	8,98,570
Revenue from land, rupees					7.22,210	8,89,362	8,01,763
Gross revenue, rupees					7,65,731	9,87,861	9,83,742
Number of kino					248,778	225,719	88,723
,, sheep and goats		•			44,270	51,720	38,599
,, camels	ı	•			1,688	2,128	1,77
Miles of metalled roads		••) 522	58	54
,, unmetalled roads		••			j 322	507	490
" Railways							
Police staff	. !			407	523	510	46
Prisoners convicted				877	941	1,954	2,36
Civil suits,—number	.		1,900	1,322	1,496	2,913	4,01
,, —value iu rupees			1,58,772	88,072	87,703	1,68,076	2,40,43
Municipalities,—number						6	
" -income in rupees					17,307	28,595	28,35
Dispensaries,—number of					1	3	
" —patients					5,704	14,520	16,18
Schools,—number of				67	48	45	4
,, —scholars				2,036	2,163	2,576	2,52

Note.—These figures are taken from Tables Nos. I. III. VIII, XI. XV, XXI, XLI, XLV, L, LIX, and LXI of the Administration Report.

Table No. III, showing RAINFALL.

1	2	3	4	5	ů	7	8	9	10	11	12	13	14	15	16	17	18	19
				4	Ax	NU AL	RAI	NFAL	L IN	TEN:	rns c	OF AZ	INC	н.				
Rain-gauge station.	1866-67.	1867.68,	1868-69.	1 869- 70.	1870-71.	1871-72.	1872-73.	187.3-74.	1874-75.	1875-76.	1876-77,	1877-78.	1878-79.	1879-80.	1880-81.	1881-82.	1882-83.	Average
Rohtak	 132	241	102	187	157	155	264	206	147	287	195	144	208	219	167	234	150	188:
Jhajjar	 110	175	150	163	111	198	295	314	143	3.0	197	109	195	186	176	273	166	193-
Sampla -	 134	180	132	141	111	159	305	249	153	375	210	169	221	231	224	325	209	208
Gohana	 163	247	65	188	145	217	213	217	203	284	2 65	177	227	230	233	208	229	201

Table No. IIIA, showing RAINFALL at head-quarters.

1	2	3	1	2	3
	ANNUAL A	VERAGES.		Annual, A	VERAGES.
MONTHS.	No. of rainy days in each month—1867 to 1876.	Rainfall in tenths of an inch in each month— 1867 to 1881.	MONTHS.	No, of rainy days in each month—1867 to 1876.	Rainfall in tenths of an inch in cach month— 1867 to 1881,
January February March April May June July August	1 1 1 2 3 8 5	2 6 8 3 5 21 61 37	Neptember October November December Ist October to 1st January 1st January to 1st April 1st April to 1st October Whole year	4 1 1 2 4 22 28	38 5 7 11 16 165 193

Note,—These figures are taken from Table No. XXIV of the Revenue Report, and from page 34 of the Famine Report.

Table No. IIIB, showing RAINFALL at Tahsil Stations.

	1		2	3	4	5
			AVERAGE FAI	L IN TENTHS OF AN	INCH, FROM 1873-	74 TO 1877-78.
`	Tansil Stations.		1st October to 1st January.	1st January to 1st April.	1st April to 1st October,	Whole year.
Jhajjar Sampla Gohana		 	8 9 6	31 14 20	235 266 216	254 289 242

Note.—These figures are taken from pages 30, 37 of the Famine Report.

Table No. V, showing the DISTRIBUTION of POPULATION.

1		2	3	4 {	5	6
		District.	Tahsil. Rohtak.	Tahsil, Jhajjar,	Tahsil, Sampla,	Tahsil. Gohana.
Total square miles Cultivated square miles Culturable square miles Square miles under crops (average 1577 to	1881)	1,811 1,415 257 1,216	587 4n1 90 857	469 366 56 291	417 346 38 306	338 242 73 262
Total population Urban population Rural population		553,609 99,402 454,1 4 5	171,215 50,525 120,690	112,485 11,650 100,835	142,177 10,818 131,359	$\substack{127,732 \\ 26,469 \\ 101,263}$
Total population per square mile Rural population per square mile		30 0 251	292 206	240 215	841 315	378 300
Over 10,000 souls 5,000 to 10,000		2 10 26 30 101 129 188	1 5 10 9 21 31 27	1 3 2 20 43 112	1 7 9 36 37 38	4 6 10 24 18 16
Occupied houses Towns		486 14,713 60,100	104 7,926 15,866	2,040 14,338	123 1,486 18,369	78 3,261 11,527
Unoccupied houses. Towns Villages		8,075 35,442	4,534 6,956	1,338 5,365	837 7,436	1,366 15,685
Resident families . { Towns Villages	::	22,566 95,327	11,408 24,554	2,867 21,105	2,585 27,931	5,706 21,737

Apra. -These figures are taken from Tables Nos. I and XVII to the Census of 1881, except the cultivated, culturable and crop areas, which are taken from Tables to a land XLIV of the Administration Report.

			-	_				-	
1		2	3	4	5	6	7	8	9
					PER 1,000 I SEXES.	Distribut	ION OF IME	HGRANTS B	Y TANSILS.
Districts.		Domigrants.	Emigrants.	Immigrants.	Emigrants.	Rolitak,	Jhajjar.	Sampla.	Gohana.
Delhi	. 1	20.510	30,638	279	288	2,729	1,743	9,672	6,766
Gurgaon		14.134	8,548	250	341	2,226	8,003	3,469	436
Karnal	-	7,845	10,611	314	275	977	202	466	6,200
Hissar		11.540	9.623	308	380	7,500	690	573	2,577
Native States		28,162	16,600	305	337	10.949	9,289	2,179	5,745
N. W. P. and Oudh	1	6,764	i	476		1,715	1,021	1,329	2,699
Rainutana		7.260		460	1	2 180	2 400	004	7 000

Nork.—These figures are taken from Table No. XI of the Census Report of 1881

Table No. VII, showing RELIGION and SEX.

1	2	3	4	5	ı ı	7	8	9
		District.			T'AH	SII.o.	·	
	Persons.	Males.	Females.	Rohtak.	Jhajjar.	Sampla.	Gohana,	Villages
3(-1	. 553,600	296,224		171,215	112,485	142,177	127,732	454,147
Ti		220,224	257,385	91,00o 80,209	60,135 52,350	76,004 66,173	69,079 58,653	245,368 208,779
Hindus Sikhs	468,905	258,113 128	215,792	134,917	97,668	129,508	106,812	403,439
oikas Jains Buddhists	5,000		2,342	95 1,338	7 104	11 263	3,295	55 3,055
Zoroastrians						·		
Christians	79,510 34	40,305	39,205 15	24,834 31	24,703 3	12,394	17,579	47,596 2
Others and unspecified	. 1	1		- 1		1		"
European & Eurasian Christia	ns 17	11	6	17				
Sunnis Shiahs Wahabis	79,260 . 93	40,178 49	39,082 44	34,819 15	14,703	12,342 19	17,396 59	47,361 78
AL STEREDIS		• • •		. 1				

Note.—These figures are taken from Tables Nos. III, IIIA, IIIB of the Census of 1881.

Table No. VIII, showing LANGUAGES.

1		2	3	4	5	6
				DISTRIBUTION	BY TAHSILS	
Language.		District.	Rohtak.	Jhajjar.	Sampla.	Gohana.
Hindustani		552,262	170,811	112,422	141,667	127,362
Bagri	•-	759	70	3	425	261
Panjabi	•-	561	342	57	84	108
Pashtu		3	2	-		1
English		21	17	3	1	
						. ,

Table No. IX, showing MAJOR CASTES and TRIBES.

1		2		3	4	5	6	7	8	9	10 .
Ser				Тот	Total Numbers. Males, by religion.						Propor-
in Ce Table V11	nsus No.	Caste or tribe.		Persons.	Males.	Females.	Hindu.	Sikh.	Jain.	Musalman	tion per mille of popula- tion.
	6 1 2 8 8 45 27 17 3 35 53 211 14 43 5 15 222 11 13	Tarkhan Kumhar		558,609 5,155 182,776 29,975 3,082 7,949 15,524 8,334 58,211 4,095 5,909 10,618 2,780 3,765 41,470 18,692 50,081 9,878 7,447 10,821 12,081	296,221 2,583 99,058 15,552 4,258 4,258 4,258 4,258 4,258 2,196 32,757 2,544 21,968 10,728 9,917 26,460 5,738 4,002 5,738	257,985 2 772 83 658 14,443 1,304 3,715 6,988 4,006 20,919 1,899 2,631 1,402 1,404 1	253.113 97,891 4,149 1,485 4,234 8,926 5,33 3,278 5,330 14 2,226 19,310 10,492 9,917 26,454 5,770 5,622	128 111	2,658	40,305 2,383 1,086 11,332 243 4,238 2,143 2,144 58 31 6 2,239 988 227 785	1,000- 9 330- 54 5 14 29 155 105 7 11 19 5 5 7 7 75,5 34 90 18 12 20 22 22 25 5
	32 36 23 38 30	Dhobi Chhimba Teli Qassab Sunar	::	2,763 4,786 6,313 6,318 2,773	1,451 2,569 3,381 2,955 1,476	1,312 2,217 2,932 3 363 1,297	2,393 6 1,431	··` 2	::	1,884 174 3,375 2,955 45	5 9 11 11 5

Note,-These figures are taken from Table No. VIIIA of the Census of 1881.

Table No. IXA, showing MINOR CASTES and TRIBES.

1		-	?		3	4	5
Serial No. in Census Table No. VIIIA.	Ca	ste o	r tribe.		Persons.	Males.	Females
9	Julaha			•••	1,275	681	594
18	Biloch				1,986	990	996
24	Saiyad				889	449	440
47	Maniar				957	501	456
67	Lilari		••		1,960	1,046	914
85	Od		••		776	407	369
87	Khatik				832	393	439
90	Kayath				673	332	341
91	Aheri				843	501	342
102	Gusain		••		565	367	198
108	Bharbhunja				1,029	537	492
109	Agari		(940	494	446
114	Kunjra				557	284	273
122	Rahbari				509	208	301
155	Sadh				598	437	161

Note.—These figures are taken from Table No. VIIIA of the Census of 1881.

Table No. X, showing CIVIL CONDITION.

1	2	3	4	5	6	7	8
****	-	Sino	;LE.	Mare	RIED.	WIDO	WED.
	DETAILS.	Males.	Females.	Males.	Females.	Males,	Females.
Actual figures for religions.	All religions Hindus Sikhs Jains Buddhists Musalmans Christians	194.798 113,683 36 1,161 19,844		1.56,268 116,890 83 1,213 18,068	144,630 123,268 22 1,230 20,105 5	25,218 22,531 9 284 2,393	38,797 31,965 431 6,399
Distribution fevery 10,000 souls of each age.	All ages 0-10 10-15 15-20 20-25 25-30 30-40 40-50 50-60 Over 60	4 549 9, 40 7, 4,8 4,779 2,919 1,960 1,311 902 838 679	2,873 9,561 4,110 442 59 26 18 14 13	4,000 184 2,487 4,008 6,600 7,405 7,095 7,258 6,400 5,083	5,619 435 5,814 9,555 9,484 9,209 8,374 6,642 4,412 2,063	851 5 74 223 471 697 994 1.749 2,752 4,238	1,507 4 76 222 457 765 1,608 3,343 5,575 7,920

Note. - These figures are taken from Table No. VI of the Census Report.

Table No. XI, showing BIRTHS and DEATHS.

1	2	3	4	5	6	7	8	9	10
	TOTAL BIRTHS REGISTERED.			TOTAL DIATHS REGISTERED			Тота	TOTAL DEATHS FRO	
YEARS.	Males.	Females.	Persons.	Males.	Females.	Persons.	Cholera.	Cholera. Small-pox.	Fever.
1877 1878 1879 1880 1881	8,931 13,357	7,357 11,064	16,288 25,021	5,577 11,190 15,088 8, 67 9,399	4 325 8,988 16,694 6,026 7 315	9,902 20,178 35,782 14,593 16,714	1 2,020 3 1	1,023 917 10 9 51	7,141 15,340 30,576 11,588 12,190

Note. - These figures are taken from Tables Nos. 1, 11, VII, VIII, and 1X of the Samtary Report.

Table No. XI A, showing MONTHLY DEATHS from ALL CAUSES.

1	 2	3	4	5	6	7
Month.	1877.	1878.	1879,	1880.	1881.	Total.
January February March April May June July August September October November December	645 529 666 654 822 910 826 696 607 722 1,150 1,675	1,323 974 1,009 1,092 1,077 1,447 809 986 1,590 3,999 4,127 1,845	1 238 1,031 1,114 1,358 3,3,34 1,443 719 2,2-2 5,327 8,640 6,310 3,026	1,948 1,050 1,212 938 1,253 1,257 825 958 1,145 1,360 1,384 1,286	1,319 1,220 1,124 1,329 1,141 1,150 1,008 920 1,618 2,191 1,860 1,864	6,473 4,804 5,125 5,351 7,627 6,087 4,187 5,822 10,287 10,912 14,823 9,666
Total	 2,902	20,173	35,782	14,593	16,714	97,169

Table No. XI B, showing MONTHLY DEATHS from FEVER.

1	-	2	3	4	5	6	7
Month.		1877.	1878.	1879.	1880.	1881.	Total.
January		488	729	1,021	1.705	908	4,851
February	• .	405	550	848	848	909	3,560
March	!	560	581	896	996	831	3,864
April		426	587	792	773	982	3,630
May		594	640	7,509	1,093	854	4,690
June	!	733	1,012	965	1,097	854	4,661
July		642	592	561	657	681	3,133
August	1	544	726	2,023	718	543	4,554
September	!	502	1,237	4,956	851	1,120	8,666
October		569	3,438	8,283	956	1,626	14,872
November		708	3,709	5,958	1,006	1,452	12,833
December	••	900	1,539	2,764	888	1,430	7,521
TOTAL		7,141	15,340	39,576	11,588	12,190	76,885

Note.-These figures are taken from Table No. IX of the Samitary Report.

Table No. XII, showing INFIRMITIES.

			ĺ	2	3	4	, 5	- 6	7	8	9
				Ins	ANE,	Bu	ND.	DEAF AN	D Dunb.	Lepi	ers.
,				Males.	Females.	Males.	Females.	Males.	Fenules.	Males.	Females.
	All religions	(Total '' Villages		132	65 49	1,552 1,229	1,708 1,346	312 261	175 146	120 106	33
,	Hindus Sikhs	(12		107	54	1,310	1,442	287	154 	100	32 29
	Musalmans			24	11	23.5	263	25	21	20	4

Note.—These figures are taken from Tables Nos. XIV to XVII of the Census of 1881.

Table No. XIII, showing EDUCATION.

1	2	3	4	5	1		2	3	4	5
	MA	LES.	Fем	ALES.		_	Mai	LES.	Fem.	ALES.
٠.	Under instruction.	Can read and write.	Under instruction.	Can read and write.			Under in- struction.	Can read and write.	Under in- struction.	Can read and write.
All religions (Total	2,864 1,473 2,119 1 178	13,841 9,512 11,806 10 1,151	33 4 7 	70 21 40 	Musalmans Christians Tahsil Rohtak ,, Jhajjar ,, Sampla ,, Gohana	 	562 4 1,129 677 591 467	861 12 4,675 2,754 3,879 2,033	21 5 21 11 	25 4 35 20 6 9

Note. -These figures are taken from Table No. XIII of the Census of 1881.

Table No. XIV, showing detail of SURVEYED and ASSESSED AREA.

1		2	3	4	5	6	7	8	9	10	11	12
1 ;			Cul	TIVATED.			UNCULT	IVATED.				ole pro-
		By Gov- ernment works.	By pri-	gated.	Total cul- fivated.	Graz- ing lands.	Cultur- able.	Un- cultur- able.	Total unculti- vated.	fotal area assessed.	Gross assess- ment.	Unappropriate of the waste, the perty of Go
1868-69 1878-74 1878-79 Tahsil details 1878-79—	for	122,035 99,20 123,075	\$5,17	771,451	905,839	16,358	109,942 147,650 148,250	89,141	252,149		898,206	
Taheil Rohtak ,, Jhajjar ,, Sampla ,, Gohans	 	9,460 18,80 40,512 54,897	13,093 8,533	292,259 172,613	234,160 221,657	5,397		30,828	66,460 44,341	300,620 265,998	224,193 269,433	

Nors.—These figures are taken from Table No. VIII of the Administration Report, except the last column, which is aken from Table No. I of the same Report.

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1	6	နာ	4	2	9	_	8	6	ဋ	=	12	13	14	15	91.	17	18	10	20	21
	M	HOLE	WHOLE DISTRICT.	į.	Ŧ	AFISIL	Танзіг Вонтак.			AHSI.	Танзіг Јналлан.	ſAR.	e	AESIL	TAHSIL SAMPLA.		-	[AH8I	Таныц Сонама.	ANA.
NATURE OF TENURE.	Zumber of estates.	Zumber of villages	Number of holders or shareholders.	Gross area in acres.	Zumber of estates.	Number of villages.	Zumber of holders or shareholders.	етовя втея іп астез.	Number of estates.	Zumber of villages.	Zumber of holders or shareholders.	Gross area in acres.	Zumber of estates.	Number of villages,	shareholders,	Gross area in acres.	Zumber of estates.	Number of villages.	Number of holders or shareholders,	Groes area in acree.
L.—ESTATES NOT BEING VILLAGE CONMUNITIES, AND PAYING IN-COMMON (ZAMINDARI) II.—Paying 1,000 to 1 Hold by individuals or families under 5,000 revenue. 5 the ordinary law.	∞	10	S	18,221	:		:	:	-	F	01	2,015	•	:	:	:		6	55	16,206
V.—Faying 1,000 ru.) pres revenue As above and under.	18	၁	31	10,352	:	;	:		15	n	63	7,449	c)	3 0	c	2,903	:		:	:
PROPRIETARY CULTIVATING VILLAGE COMMUNITES. 3.—Zamindan. 1. Paying the rovenue and holding	15	71	287	14,685	9	9	44	8,193	7			4,730	:	:	:		24	23	5	1,756
:	9	9	125	15,114		:	:	:	:	:	:		-	•	:	:	9	<u>-</u> -	125	15,114
hares, subject to succession by the law of unhortance.).—Bhayaclora In which possession is the monthly possession is the	146	151			107	107 19,662		367,425		:	:			:		;	39	44 1	44 11,317	84,049
history or imperfect in common, the necessary and partly in severalty and partly in common hind being the amount of the share or the extent of land hold in severalty.	317	£	44,371	643,159	:	:	:	;	5.1	173	173 16,029	250,654	4.51 4.51	4:1 6:	22,063	262,926	20	06	6,279	99,579
GRANTEES OF GOVERNMENT NOT FALLING UNDER ANY PREVIOUS CLASS, AND PAYING REYENUE DIRECT TO GOVERNMENT IN THE POSITION OF:-	8	e .	-	5,396	:		;		8			5,396	:		<u> </u>	:	:	:	:	:
TOTAL	518	202 7	75,833 1,158,401		113	113 19	19,706 3	375,61S	199	185	16,236	300,250	127	127 22	22,071 2	265,829	74	82	17,820	216,704
Note.—The	se figur	es are	taken i	These figures are taken from Table No. XXXIII of the Revenue Report for 1878-79.	le N	o, XX	9 111 X	f the B	GVCD.	ue R	port f	r 1878-7	6					l		

Nors.—These figures are taken from Table No. XXXIII of the Revenue Report for 1878-79.

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able No. XVI, showing TENURES not held direct from Government as they stood in 1878-79.
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	1	2	8	4	2	6.	4	8	a	10	n l
		DISTRICT ROBTAK.	ROBTAK.	TAUSIL	TAUSIL ROBTAK.	TABSIL	TARSIL JEAJJAR.	TAESIL SAMPLA.	SAMPLA.	Tabsil	GOHANA.
	NATURE OF TENURE.	No. of holdings.	Acres of	No. of holdings.	lo serea fand basid.	No. of holdings.	Acres of	No. of boldings.	Acres of land.	No. of againfod	Acres of land held.
	A.—TENANTS WITH RIGHT OF OCCUPANCY.										
	(a) Paying the amount of Government revenue only to the	7,082	42,398	940	6,474	2,599	24,271	3,425	7,564	109	4,089
7	Paying rent (i) Paying then amount, plus a cash mulitanah (c) Paying at stated eash rates per acre (d) Paying fump sums (cash) for their holdings	75 88 75 88	512 230 457	:::	:::	147	:: 512	::	::	: 888	230
	Total paying rent in eash	7,230	43,597	676	0,474	2,740	24,783	8,426	7,578	165	4,767
11. 1	 II. Paying rent shurv of the pro- in kind. (2) § produce and less than § produce and duce in kind. 	53 9	8,059	539 25	8,059	::	::	::	::	::	. ::
	Total paying rent in kind	†9G	8,476	199	8,470	:	:	:	:	:	:
	GRAND TOTAL of Tenants with rights of occupancy	7,850	52,073	1,513	14,950	2,740	24,783	3,420	7,573	165	4,767
, II.	B.—TENANTS HOLDING CONDITIONALLY. For lyte For period Not written Subject to relage service and payment of rent	જા જા જા	50 14	:::	:::	÷ 61	50	:::	: : :	: :	: :
I. P	C.—TENANTS-AT-WILL. Paying in eash	50,548	312,183	9,995	155,478	5,381	43,233	16,512	38,883	18,060	74,594
Ģ	D.—PARTIES HOLDING AND CULTIVATING SERVICE-GRANTS FROM PROPRIETORS FREE OF ALL REVENUE.										
1. S	Sankalap or Dharmarth	1,337	4,365	452	1,495	823 44	101	405	1,123 73	157	. 817
	GRAND TOTAL OF TENDRES	59,857	368,876	11,960	171,923	8,498	69,108	20,415	47,052	18,984	80,192
	Note,—These figures are taken from Table No. XXXIV of the Revenue Report	rom Table	No. XXX	IV of the	Revenue I	Report.					

Rohtak District.]

Table No. XVII, showing GOVERNMENT LANDS.

1	2	3	4	5	6	7	8	9
	zć.			ld under ng leases.	R	emaining a	cres.	yearly 1877-78 82.
	No. of estates.	Total acres.	Cultivated.	Unculti-	Under Forest De- partment.	Under other Depart- ments.	Under Deputy Commis- sioner.	Average your conce, 18 to 1881-82,
Whole District Tahsil Rohtak ,, Jhajjar ,, Sampla ,, Gohana	 3	5, 397 5,397	: :: ::			::	5,397 5,397 	2,925

Note. -These figures are taken from Table No. IX of the Revenue Report of 1881-82.

Table No. XIX, showing LAND ACQUIRED by GOVERNMENT.

Purpose for which acquir	ed.	Acres acquired.	Compensation paid in rupees.	Reduction of revenue in rupees.
Roads		100	7,290	490
Canals	.	570	9,636	679
State Railways	.			
Guaranteed Railways				
Miscellaneous		116	2,237	83
Total		1,647	19,163	1,252

Note. - These figures are taken from Table No. XI of the Revenue Report.

Table No. XX, showing ACRES UNDER CROPS.

1	-	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Years.		Total	Rice	Wheat.	Jawar.	Bajra.	Makai.	Jau.	Gram.	Moth.	Poppy.	Tobacco.	Cotton.	Indigo.	Sugarcane.	Vegetables.
1873-74 1874-75 1875-76 1876-77 1877-78	:: :: ::	877,902 760,757 773,269 823,191 621,405	3,440	125,833	173,463 160,145 177,045 179,7 14 85,953	209,655	175 72 73:	79,987 52 34 3 65,257 42,353 46,693	146,585 104,999 133,399 119,240 128,620	22,404 26,605 23,294	::	4,710 2,540 1,851	38,526, 49,084, 42,165, 44,073, 33,647	1,000 4,200 1,526	27,780 33,480 31,942 33,324 22,354	2,951 2,901 2,126 920 904
1878-79 1879-80 1880-81 1881-82	::	665,922 825,671 874,316 903,805	10,410 6,945	88,240 80,683 57,498 51,983	175,570 245,233 269,412 313,568	183,985	847 788		117,623 149,341	34,157	 	451 536	51,088 40,159 42,249 45,459	$\frac{1,357}{1,378}$	27,149 21,189 11,841 10,281	1,642 2,188 2,387 1,193
NAME O					TAHSIL	AVERAGE	s Fo	R THE	FIVE YE	RS, FR	ом 18	7.78 T	o 1881-	82.		
Rohtak Jhajjar Sampla Gohana	::	228,555 186,152 195,909 167,608	211 4,329	7,846 25,036 25,676	34,169 47,134 56,194	84 872 41,043 12,817	46 26	3,543 17,514 17,076 1,265	11,733 32,265	17,631 1,155		170 61	10,857 1,535 14,279 15,850	27	740 6,078	
TOTAL		778,224	5,749	77,267	217,947	174,791	515	44,398	128,538	24,257	••	650	42,521	1,292	18,563	1,663

Table No. XXI, showing RENT RATES and AVERAGE YIELD.

	1					2		8
	Nature of	erop			crops,	r acre of for the vas it st 881-82.	arious	Average produce per acre as esti- mated in 1881-82,
Rige		5	Maximum		Rs.	A. 0	P. 0	fbs. } 916
		- 8	Minimum Maximum		1 8	6	0	720
Indigo		1	Minimum		1	8	0	3
Cotton		. {	Maximum Minimum	•	8	0	0	588
		3	Maximum		12	0	0	<u> </u>
Sugar		: 기	Minimum		1	8	0	3
Opium		- }	Maximum Minimum	:				}
Tobacco		Ì	Maximum	•	8	2	0	989
		· }	Minimum Maximum		1 8	5	0	R
In	rigated	. {	Mınımum		1	8	Ô	960
Wheat . J	nirrigated	{	Maximum Minimum	•	3 0	3 15	3	1
}	-	6	Maximum	•	8	i	0	15
interior	rigated	્રે	Minimum		1	5	0	470
grains U	nirrigated	- 5	Maximum Minimum		3 0	3 15	0 3 7	1)
\ }	rigated	\ \{\)	Maximum		6	1	0	1
Oil seeds	•	. ?	Minimum Maximum		1 3	3 3	0 3	426
U	nirrigated	. ?	Minimum	٠.	1 01	12	7)
(Ir	rigated	. {	Maximum Minimum		8 1	0	0	1)
Fibres <	-	5	Maximum		3	3	3	700
(0	nirrigated	ર	Minimum		0	15	9)
Gram								984
Barley								880 368
Bajra Jawar		•			1			575
Vegetables		•					.:	1
Tea								

NOTE.—These figures are taken from Table No. XLVI of the Administration Report.

Table No. XXII, showing NUMBER of STOCK.

,		1		2	3	4	5	6	7	8
				WHOLE	DISTRICT F YEARS	FOR THE	TAHS	ILS FOR TE	HE YEAR 1	878-79.
	KIND	OF STOCK	•	1868-69,	1873-74.	1878-79,	Rohtak.	Jhajjar.	Sampla.	Gohana.
Cows and bu	llocks			 248,778	225,719	88,723	22,808	19,701	23,084	23,130
Horses				 996	1,430	1,336	474	352	175	335
Ponies		••		 1,745	1,420	919	166	238	325	190
Donkeys				 8,001	9,170	8,856	2,322	2,709	2,250	1,575
Sheep and go	oats			 44,270	51,720	38,599	11,836	13,823	4,250	8,690
Pigs				 6,572		5,962	. 934	1,119	1,509	2,400
Camels				 1,688	2,128	1,774	476	746	172	380
Carts				 8,392	8,561	8,584	2,565	1,640	2,690	1,689
Ploughs				 39,489	40,522	34,487	11,521	9,321	7,105	6,540
Boats				 					1	

Rohtak District.]

Table No. XXIII, showing OCCUPATIONS of MALES.

1	2	3	4	5	1	2	3	4	5
		Males	abore 15 oj o.je.	years			Males	above 15 of age.	year s
Number.	Nature of occupations.	Towns.	Vil- lages.	Total.	Number.	Nature of occupations.	Towns.	Vil- lages,	Total.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Total population Occupation specified Agricultural, whether simple or combined. Civil Administration Army Religion Barbers Other professions Money-lenders, general traders, pedlars, &c. Dealers in grau and flour Corn-grinders, parchers, &c. Confectioners, green-grocers, &c. Carriers and boatmen Landowners Tenants Joint-cultivators	32,103 31,163 12,761 1,076 236 870 415 313 1,179 1,731 163 582 520 6,584 3,988 228	156,910 150,325 94,898 1,567 273 3,119 3,073 2,200 4,949 328 204 1,541 58,134 24,309 1,534		18 19 20 21 22 23 24 25 26 27 28 29 30	Agricultural labourers Pastoral Cooks and other servants Water-carriers Sweepers and scavengers Workers in reed, cane, leaves, straw, dc. Workers in leather Boot-makers Workers in wool and pashm "" "silk "" "cotton "" "wood Potters Workers and dealers in gold and silver. Workers in iron General labourers Beggars, faqirs, and the like	142 1,004 1 52 2,234 482 414	3,264 701 367 957 4,364 600 113 6,273 2 2 7 9,755 2,581 2,412 4,602 4,627 4,538	3,985 885 1,036 1,349 5,319 901 255 7,277 3 59 11,989 3,063 2,826 880 5,689 5,689

Note,-These figures are taken from Table No. XII A of the Census Report of 1881.

Table No. XXIV, showing MANUFACTURES.

1	2	3	4	5	б	7	8	ð	10	11
	Silk.	Cotto	. Wool,	Other fabries.	Paper	Wood	l. Iron	Brass and copper.	Build- ings.	Dyeing and manufactur- ing of dyes.
Number of mills and large factories Number of private looms or small works. Number of workmen (Male in large works. { l'emale Number of workmen in small works or independent artisans. Value of plant in large works Estimated annual out-turn of all works in rupees.		7,1	S4 .		4 2.60	2,4	.:	597 19 321 4 282 24,00	815	 1,114
	19	?	13	14		15	16	17	18	19
	Leat	he r .	Pottery, ommon and glazed.	Oil-pres	d a	hmina ind awls.	Carpets.	Gold, silver, and Jewellery.	Other manufac tures.	Total.
Number of mills and large factories Number of private looms or small works. Number of workmen { Male in large works. { Female Number of workmen in small works or independent artisans.	8	,672	1,202 2,108	27			 3		1,149 8,578	48 30,726
Value of plant in large works Estimated annual out-turn of all works in rupees.	6,72	,439	1,00,008	71,72	2	::	254	11,14,823	8,75,19	2,600 48,44,215

Table No. XXVI, showing RETAIL PRICES.

-		64	<u> </u>	8		*		9	9		-		œ		6		22		==		12	_	13	-	14		15		2
	-											Ñ	MBER	OF SE	EERS A	ND CK	NUMBER OF SEERS AND CHITANKS PER RUPEE.	S PER	RUPEL	į,				!					
YEAR.	Į Å	Wheat.	Bar	Barley.	Gram.	Ė	Ind	Indian corn.	Jawar.	i i	Bajra.		Ricc (fine).	1	Urd dal.		Potatoes.		Cotton.		Sugar (refinod).	Ghi (cow's).	ow's).	Fire	Firewood.	Tobacco.	.000	Salt (Lahori).	alt iord)
	zei	ਰ	αci	ਉਂ	zá	G.	zż	ਉਂ	zż	वि	- Si	g.	8. 2.	ੂੰ ਤੁੰ	z;	- es	з. Съ.	zć	CP.	σά	तु	σά	Gb.	zά	ej ej	zż	Ch.	a,	G.
1861-63	%	0	83	2	14	=	:	:	12	12	21	4	<u> </u> 2	ا ا	2	<u> </u> 음] : ·	1	4 13	63	4	61	1	873	41	9	8	7	
	31	4	45	4	34	14	:	:	36	12	52	:	11	-1	31	<u>.</u>	<u>:</u>		- T	es .		61	:	333	Ç1	60	=======================================	7	
1863-64	18	1	40	61	35	15	:	:	34	14	31	13	77	Q1	81		: 		12		-	c)	61	195	15	49	Gs.	2	
1864-65	21	6	35	60	30	2	:	:	26	- G	24	15	0		16	٠.	: 		- 2	e9 	13	C1	-	223	15	2	=	۲-	
1865-66	17	15	27	-	28	:	:	:	27	i.o	61	15	<u>о</u> .	<u>د</u>	15	٠.	:		- 2		60	٦	2	186	91	1-	4	-	
1866-67	19	t-	27	12	88	10	:	:	27	9	24	-	0	8	16		<u>·</u>			61	11	61	G.	186	01	10	G	7	
1867-68	25	C3	61	:	26	Ç1	:	:	8	ÇI	25	01	6	2	17		: 		8	67	18	7	co	186	9	4	e3	7	
1868-69	14	- 00	18	တ	13	-	:	:	18	က	18	9	œ	00		<i>ه</i>	•		-2	C)	13	-	œ	102	တ	۲-	:	-	
	6	15	13	9	6	18	:	:	1,	15	<u> </u>	-	1-	- G	2	-	: 		:	61	15	-	4	501	6	~	:	1	
1870-71	15	91	19	11	17	-	:	:	21	13	19	41	10	4	15	ç3	:			C1	15	-	9	167	15	-1	-	۲-	<u>.</u>
1871-72	18	:	55	:	18	00	8	:	22		19	-:	11		15	:		_	e3	e3	:	C1	:	140	:	œ	:	80	
1872-73	21	:	26	:	58	:	25	:	33	:	53	-:			- 6	-	30			e3	41	Ç1	G	100	:	60		-1	
1873-74	18	:	38	:	50	:	20	:	8	:	23	:	=	-	05		16	_		es -	2	-	1,4	140	:	<u>.</u>	:	'n	
1874-75	21	:	8	:	58	:	:	:	27	:	55	:		•	. 61	:		-	:	65	∞	Ç1	67	120	:	œ	:	ro.	
1875-76	23	:	98	:	89	:	:	:	34	 :	59	:	12	_	- 61		24		80	4	:	C1	•	180	:	20	:	···	
1876-77	25	:	34	:	6	:	. :	:	75	:	31		14	-	8	:	14		× ×	4	:	C1	:	130	:	∞	:	4	
	13	:	16	:	17	:	:		14	-:	15	:	٠.		<u>.</u>	<u>:</u>	: ∞		0	O1	21	-	80	500	:	r -	:	-	
1878-79	15	90	22	:	16	00	:	:	17	:	17	 :	-1	•	=	:	16 :		8	- 7	*	-		100	:	-		2	
1879-80	14	90	23	:	81	8	:	:	24	00	8	8		•	12	•	:		:	G1	7	н	œ	8		7		_	
1880-81	18	:	53	:	23	:	:	:	24	00	8	:	7	80	17	-	14		:	~		-	တ	100	:	9	:	∞	
00 100	5	•	8		8				- 06		£	œ	0		18		16		4	67	12	_	14	100	:	7	:	00	_

Norm.—The figures for the first ten years are taken from a statement published by Government (Punjab Government No. 209 S. of 19th August 1572), and represent the average prices for the 13 months of each year. The figures for the last ten years are taken from Table No. XLVII of the Administration Report, and represent prices as they stood on the 1st January of

Table No. XXVII, showing PRICE of LABOUR.

1	2 3	4 5	6	7	8 9	10 11	12 13
	Wages of La	BOUR PER DAY.	CARTS P	ER DAY.	CAMELS PER DAY	DONKEYS PER SCORE PER DAY.	Boats per day.
YEAR.	Skulled. Highest Lowest	Unskilled. Highest Lowest		Lowest	Highest Lowest	Highest Lowest	Highest Lowest
1868-69 1873-74 1878-79 1879-80 1880-81 1881-82	Rs. A. P. 0 5 0 0 8 0 0 3 0 0 8 0 0 5 0 0 8 0 0 5 0 0 8 0 0 5 0 0 8 0 0 5 0 0 8 0 0 5 0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1 1 12 0 1 12 0 1 12 0	0 14 0		Rs. A. P. 3 2 0 3 12 0, 3 2 0 3 2 0 3 2 0 3 2 0 3 2 0 3 2 0 3 2 0	Rs. A. P.

Note.-These figures are taken from Table No. XLVIII of the Administration Report.

Table No. XXVIII, showing REVENUE COLLECTED.

	1		2	3	4	5	6	7	8	9
			Fixed Land	Fluctuat- mg and Mrscel-	Tribute.	Local	Exe	ise.	Stamps.	Total Collec-
, У	EAR.		Revenue.	Lancous Land Revenuo.		rates.	Spirits.	Drugs.		tions.
1868-69			7,22,310	5.616			1,400	5,388	23,457	7,58,071
1869-70			7.92,827	5,880			962	4,664	27,127	8,31,460
1870-71			8,64,043	5,508			885	5,0%6	25,608	9,01,130
1871.72	**		8,82,477	5,769		56,104	1,562	4,931	25,502	9,76,345
	••	•	8,82,484	8,600	1 .	56,110	1,400	6,562	28,002	9,83,218
1372.73	••	• •	8,82,725	6.637	1	56,110	1,520	5,487	35,432	9,87,861
1873-74	• •	•				56,109	2,010	5,100	35,685	9,88,828
1874-75	• •		8,82,796	7,128				5,330	39,956	9,91,662
1875-76	• •		8,81,772	6,529		56,105	1,970			
1876-77			8,83,183	7,163		56,119	2,855	5,321	43,847	9,98,488
1877.78			8,82,696	4,734		56,119	1,575	6,032	49,719	10,00,875
1878-79			8,01,763	3,539		72,194	1,658	5,608	57,853	9,42,613
1879-80			10,18,832	18,514		71,237	1,238	4,105	47,692	11,61,618
1880-81	•	• • •	9,42,605	26,273		84,379	1,393	8,854	50,665	11,09,169
1881-32	• • • • • • • • • • • • • • • • • • • •		9,30,960	6,596	1	79,419	1,639	4,400	56,870	10,79,884

Note.—These figures are taken from Table No. XLIV of the Revenue Report. The following revenue is excluded:—"Canal, Forests, Customs and Salt, Assessed Taxes, Fees, Cesses."

Table No. XXIX, showing REVENUE DERIVED from LAND.

	revenue (de-	d miscel- revenue	[n]	1	UATING 1	REVENU	E.	Mı	SCELLANI	eous R	EVENUE	t.
	evenue		171	100+1								
	ě l	y ~	μV	ast	tago	assess- lands.	ting .	Grazin	g dues.	from forests.		leous
YEAR.	land r	ing and land re ons).	of alluvial	o of waste brought assessment	ndvantago e.	ring assess	fluctuating revenue.	ttle.	grazing es.	wood i		otal miscellancous land revenue.
		Fluctuating a laneous land (collections).	Revonue lands.	Revenue lands under a		34	Ä	enumera- a of cattle.	By graz leases.	Sale of v rakhs a	j.	
	Fixed	Flue lar (co	Res	lan Tan	Water	Flucti	Total land	By e	- By	Sal	Sajji.	Total lanc
District Figures.			i	1						l i		,
Total of 5 years	44.70 800	07 400	1	1		i	1,039		21,130	37	. 1	30,394
1868-69 to 1872-73	44,19,369	31,433					1,000	•••	21,130	31	• • •	90,987
Total of 5 years	44,14,738	31,391					613		20,400	206		30,778
1873-74 to 1877-78	8,83,253		l ::	1		1	93		2,203	20		2,821
1879-80	9,19,025						1,372		1,820	12		17,135
1880-81	9,33,176	26,266		'			275		2,940	33		25,991
1881-82	9,31,862	6,311					2,918		2,767	16		3,393
Tahsil Totals for 5 years—			1	ł				1				l
1877-78 to 1881-82.		17.050	ı	1			304		8		, ,	10.048
Tahsil Rohtak	10,44,136						2,906	• • •	12,705	119		10,949 23,606
" Jhajjar	10,97,192 13,18,718		::				223	• • •	12,100	1		11,818
" Sampla	10,90,489	9,764			1	::	1,297	-:-		1		8,466

Table No. XXX, showing ASSIGNED LAND REVENUE.

1		.5		3	4	5	6	7		8	9		10		11 .
					TOTAL A	REA AND I	REVENUE	ASSIG	NED.				Per Assi	IOD GNMI	
TAHSIL.		Who	le Vill	ages.		nal parts Llayes.	P	lots.		T	otał.		In pe	rpeti	uity.
		Area	Rev	enue.	Area.	Revenue.	Area.	Rever	uc.	Area.	Reven	ue.	Area.	Re	venue.
Rohtak Jhajjar Sampla Gohana		3,98 44	SO	3,150 300	::	::	2,542 7,302 917 470	27	,133 ,088 975 498	2,542 11,257 1,397 470	10 1	,133 ,238 ,275 498	1,135 375 805 266	5	1,450 250 770 302
Total District	••	4,4	35	3,450			11,231	10	,694	15,666	74	,144	2,584	1	2,77:
		12	13	14	15	16	17	18	19	20	21	22	23	24	25
				Period	of Assi	GSMENT.	Conclude	d.		1	Numbi	ER O	r Assig	NEES	i.
TAHSIL.		For on	e life.		ore lives n one.	nunceo	mainte- f Estab- uent.	Pen orde Gover	ding ers of nacn	,.		s than	nance.		
TARSIL.		Area.	Revenuc.	Area.	Revenue.	Area.	Revenue.	Area.	Revenue.	In perpetuity.	For one life.	For more lives one.	During maintenance.	Pending orders.	Total.
Rohtak Jhajjar Sampla Gohana	:::	200, 8,820 526, 186	174 7,727 447 176			00 7 00 1,862 8 40 15	9 2,161 50 20		::	556 10 110 30	358 194	1	142	::	624 511 335 63
Total District		9,732	8,524	1,42	6 60	08 1,924	2,240			706	600	38	189		1,533

Note.—These figures are taken from Table No. XII of the Revenue Report for 1881-82.

Table No. XXXI, showing BALANCES, REMISSIONS and TAKAVI.

			land revenue upees.	Reductions of fixed demand	
YEAR.		Fixed revenue.	Fluctuating and miscel- laneous revenue.	on account of	Takavi advances in rupees.
1989 20					
1868-69 1869-70		167,759	••		29,844
		89,391)		83,204
1870-71		18,173			5,900
1871-72		. 1			
1872-73		4			16,760
1873-74	,.	4			2,200
1874-75		41			1,200
1875-76		998	800	1	2,400
1876-77					9,638
1877-78		523	1,225	l	12,285
1878-79		81,490	7	1	26,926
1879-80		10,913	7	1	260
1880-81		981	1	l ::	1,040
1881-82		902	2	1 ::	100

Norg.—These figures are taken from Tables Nos. I, II, III, and XVI of the Revenue Report.

Table No. XXXII, showing SALES and MORTGAGES of LAND.

1	2	3	4	5	6	7	8	9	10
			Sales	of Lan	D.		Mor	TGAGES C	F LAND.
YEAR.	A	gricultur	ists.	Non	-Agricult	urists.	A	grievlt ur	ists.
LAAR.	No. of cases.	Area of land in acres.	Purchase money.	No. of cases.	Area of land in ceres.	Purchase money.	No. of cases.	Area of land in acres.	Mortgage money.
DISTRICT FIGURES.									
Total of 6 years—1868-69 to 1878-74	423	4,640	\$0,538				870	11,560	147,349
Total of 4 years—1874-75 to 1877-78	262	2,154	40,340	70	651	12,939	1,319	9,925	138,543
1878-79 1879-80 1880-81 1881-82	272 92 101 114	1,867 708 1,369 909	29,669 14,694 23,223 24,051	109 35 24 53	789 553 287 335	28,949 7,853 8,287 8,801	2,019 322 298 262	11,801 3,571 3,508 2,619	185,965 43,387 42,418 34,117
TAHSIL TOTALS FOR 5 YEARS— 1877-78 TO 1881-82. Tahsil Rohtak Jhajjar Sampla Gohana	250 137 226 92	2,325 1,217 1,356 961	33,961 13,689 45,888 17,667	43 75 85 52	425 757 485 370	20,655 11,050 18,533 9,779	1,143 685 1,285 911	15,272 4,422 6,116 3,380	140,441 48,912 112,816 117,411
	11	12	13	14	15	16	17	18	19
	Mortga	GES OF L.	ANDCon-		REDEN	IPTIONS OF	Mortgag	ED LAND	
YEAR.	No	n-Agricul		A	gricultur	rists.	No	r-Agricul	turists.
I EAN,	No. of cases.	Area of land in acres.	Mortgage money.	No. of cases.	Area of land in acres.		No. of cases.	Area of land in acres.	Mortgage money.
District Figures. Total of 6 years—1868-69 to 1873-74									
Total of 4 years-1874-75 to 1877-78	711	7,139	92,877	327	2,393	19,571	116	1,111	8,834
1878-79 1879-80 1880-81 1881-32	1,270 111 89 233	11,396 1,429 638 2,929	117,609 11,961 6,362 36,200	376 126 263 329	3,604 1,040 2,511 2,473	12,616 8,775 17,890 23,669	160 14 	1,113 127 1,038	6,078 868 7,477
TAHSIL TOTALS FOR 5 YEARS— 1877-78 TO 1881-82. Tahsil Rohtak , Jhajjar , Sampla , Gohana	556 868 460 394	7,671 8,552 3,300 2,044	46,255 74,865 57,125 56,198	452 201 377 294	5,780 2,441 1,790 846	28,964 11,529 21,303 11,179	153 34 46 104	2,072 195 330 241	10,748 1,800 4,413 2,273

Nore.—These figures are taken from Tables Nos. XXXV and XXXV B of the Revenue Report. No details for transfers by agriculturists and others, and no figures for redemption, are available before 1874-75. The figures for earlier years include all sales and mortgages.

Table No. XXXIII, showing SALE of STAMPS and REGISTRATION of DEEDS.

1	2	3	4	5	6	7	8	9	10	11	12	13
	INCO	ME FRO	M SAL	E OF	OPI	ERATIO:	S OF	THE RE	GISTRAT	ON DE	PARTME	NT.
	Receipts i	n rupees.	Net inc		No.	of deeds	registe	red.	Vali		erty affec upees.	ted,
YEAR.	Judicial.	Non-judicial.	Judicial.	Non-judicial.	Touching im- movable pro- perty.	To u ching movable pro- perty.	Money obliga- tions.	Total of all kinds.	Immovable property.	Movable property.	Money obliga- tions.	Total value of all kinds.
1877-78 1878-79 1879-80 1880-81	36,890 45,493 38,688 40,827 45,748	11,717 12,360 9,004 9,838 11,122	36,339 42,515 35,837 37,684 42,703	11,360 11,936 8,623 9,617 10,730	3,014 2,711 1,591 1,689 1,543	92 149 32 22 25	1,173 1,102 425 398 344	4,279 3,962 2,178 2,233 2,070	4,27,652 4,54,540 2,79,669 3,35,904 3,65,137		1,88,399 1,72,552 81,149 72,736 60,010	6,20,774 6,35,054 3,70,438 4,14,733 4,39,655

NOTE. - These figures are taken from Appendix A of the Stamp and Tables Nos. II and III of the Registration Report.

Table No. XXXIIIA, showing REGISTRATIONS.

1		2	3	4	5	6	7
•			Nu	mber of De	eds register	red.	
			1880-81.			1881-82.	
· · · · · · · · · · · · · · · · · · ·		Compul-	Optional.	Total.	Compul- sory.	Optional.	Total.
Registrar Rohtak			1	1			
Sub-Registrar Rohtak		278	350	628	243	337	580
,, Jhajjar		153	202	355	137	158	295
" Sampla	٠.	301	399	700	365	310	675
" Gohana .		207	342	549	213	307	520
. Total of district		939	1,294	2,233	958	1,112	2,070

Note,-These figures are taken from Table No. I of the Registration Report,

Table No. XXXIV, showing LICENSE TAX COLLECTIONS.

1	. 2	3	4	5	6	7	8	9	10	11	12	13	14	15
-		Numbi	ER OF	Licens	ES GRA	NTED I	N EACE	CLAS	SAND	GRADE.				
YEAR.		Clas	s I.			Clas	s II.		(lass II.		Total number of	Total amount of fees.	
	1 Rs. 500	2 Rs. 200	3 Rs. 150	4 Rs, 100	1 Rs. 75	2 Rs. 50	3 Rs. 25	4 Rs. 10	1 Rs. 5	2 Rs. 2	l °	licenses.	or rees.	licenses granted.
1878-79 1879-80 1839-81 1831-82 Tabsil details for 1881-82— Tabsil Rohtak , Sampla , Gohana , Jhajjar	 1 1 	9 4 3 6	7 8 6 5 5 2	10 4 6 4 2	30 15 13 14 11 2	85 56 44 37 15 13 6	330 232 193 182 57 92 23 10	326 662 626 695 189 251 172 83	1,266 1,157 		5,326 2,935	9,937 8,742 892 944 284 360 201 99	42,582 34,833 16,860 17,250 7,140 6,045 2,565 1,500	182 177 42 63 42 30

Table No. XXXV, showing EXCISE STATISTICS.

1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
			FERME	TED LI	QUOR	3.		INTO	CICATI	NG D	RUGS.		EXC	SE REV	ENUE
YEAR.		per of dis-	she	retail ps.	Consur ga	nption in Ilons.	No. 0j	retail ses.	Const	iniption	ın mo	unds.	Fer-		
	Number central tilleries.		Country spirits.	Euro- pean liquors.	Rum.	Country spirits.	Opium.	Other drugs.	Optum.	Charas.	Bhang.	Other drugs.	mented liquors.	Drugs.	Total.
1877-78 1878-79 1879-80 1880-81 1881-82	: : : :	1 1 1 1	9 9 9 9	3 2 1 1 1	61 47 	423 441 393 472 586	12 12 12 12 12 12	12 12 12 12 12 12	8 63 8 11 13	6 33 14 13 121 121	48 263 28 553 611	13 7 13 6計 8	1,563 1,611 1,285 1,393 1,639	6,005 5,600 4,100 3,850 4,400	7,568 7,211 5,335 5,243 6,039
Total Average	::	5 1	45 9	8 2	108 22	2,315 463	60 12	60 12	463 93	491 10	2193 44	473 93	7,441 1,488	23,955 4,791	31,396 6,279

Norg. -These figures are taken from Tables Nos. I, II, VIII, IX, X, of the Excise Report.

Rohtak District.]

Table No. XXXVI, showing DISTRICT FUNDS.

1	2	3	4	5	6	7	8	9	10	. 11
	Annua	ıl ıncome in	rupees.			Annoal ec	perditure	in rupees.		
YEAR.	Provincial ratus.	Miscellano. ous.	Total in- come.	Estudish. ment.	District post, and arboricul- ture.	, Education.	Medical.	Miscellanc- ous.	Public Works.	Total ex- penditure.
1874-75 1875-76 1876-77 1877-78 1878-79 1879-80 1880-81 1881-82	82,164 90,411 88,319	1,746 1,256 2,101	53,790 54,825 53,841 57,065 59,060 83,910 91,767 90,420	1,396 1,295 1,274 1,302 1,462 1,463 1,467 2,265	7,107 1,075 306 85 926 1,207 1,463	7,905 8,751 9,473 10,493 10,935 12,935 13,681 14,393	1,671 1,780 8,422 0,782 5,503 5,949 6,859 8,015	86 2 129 1,193 468 1,792 821 1,525	32,803 34,787 34,077 33,136 32,450 25,751 36,381 35,390	50,968 47,690 48,681 49,961 49,837 50,070 54,652 63,051

Note. -- These figures are taken from Appendices A and B to the Annual Review of District Fund operations.

Table No. XXXVII, showing GOVERNMENT and AIDED SCHOOLS.

																			-
1	2	3	4	5	6 7	s	9	10	11	12	13	14	15	16	17	18	19	20	21
-	-	ніс	HS	сно	OLS.		МП	DDL	SCH	ools	5,		P	RIM	ARY	SCI	HOOLS.		
		Eng	LISH		VERNA		Exc	LISH.		VER	NACULAR		Exci	JISH.			VERNACU	ILAR.	
YEAR.		ern-	A	ded.	Govern ment.		eern- eat.	A	ded.	Gove	rnment.		rern- ont.	Ai	ded.	Got	ernment.	Aid	led.
	Schools.	Scholars.	Schools.	Scholars.	Schools.	Schools.	Scholars.	Schools.	Scholars.	Schools.	Scholars.	Schools.	Scholars.	Schools.	Scholars.	Schools.	Scholars.	Schools.	Seholars.
	Sc	30	%	ž	N N	1 Z			FOR			χ.	SZ.	S S	2	S	20	82	22
							PIG	O ICIS.	, 1,710	БОТ	. 1.74								
1877-79 1878-79 1879-80 1830-81 1881-82						1 1 2 2 2 2	114 108 54 52 44	1 1	175 145 	4 4 5 5	567 554 63 66 65	6	386 433 508	.:		36 36 39 34 33	1,551 1,417 1,622 1,827 2,161	3 4 	223. 266.
							FIGI	IRES	FOR	GIRI	.s.								
1877-78 1878-79 1879-80 1880-81	 							.								2 1 2	37 20 33 18	1 1	13 15

N. B.—Since 1879-99, in the case of both Government and Aided Schools, those scholars only who have completed the Middle School course are shown in the returns as attending High Schools, and those only who have completed the Primary School course are shown as attending Middle Schools. Previous to that year, boys attending the Upper Primary Department were included in the returns of Middle Schools in the case of Institutions under the immediate control of the Elucation Department, whilst in Institutions under District Officers, boys attending both the Upper and Lover Primary Department, whilst in Institutions under District Officers, boys attending both the Upper and Lover Primary Departments were included in Middle Schools. In the case of Aided Institutions, a High School included the Medite and Primary Departments atteched to it; and a Middle School, the Primary Department. Before 1879-8), Branches of Government Schools, if supported on the grant-in-aid system, were classed as Aided Schools; in the returns for 1879-30 and subsequent years they have been shown as Government Schools, Branches of English Schools, whether Government or Aided, that were formerly included amongst Vernacular Schools, are now not urned as English Schools. Hence the returns before 1879-80 do not afford the means of making a satisfactory comparison with the statistics of subsequent years.

Table No. XXXVIII, showing the working of DISPENSARIES.

<u>)</u>	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Dia.				-	N	UMBER	OF PA	TIENTS	TREA'	red.					
Name of Dispensary.	of 1			Men.		-		i	Women.				Ci	ildren	•	
Old - d Print - mail (1) - h	Class of Di pensary.	1877.	1878.	1879.	1880.	1881.	1877.	1878.	1879.	1880.	1881.	1877.	1878.	1879.	1880.	1881.
Robtak	lst	3,391	5,708	6,745	4,933	4,243	497	778	2,025	1,010	899	529	549	971	484	840
Jhajjar	2nd	1,580	1,780	2,320	1,384	1,426	345	288	466	643	484	733	498	726	. 69 8	719
Gohana	do.	2,733	2,475	2,351	2,586	2,754	359	644	731	776	870	251	583	532	435	499
Bahadurgarh	đo.	819	2,034	5,567	4,931	4,335	192	370	691	701	293	807	481	417	327	326
Total		8,523	11,997	16,983	13,824	12,758	1,893	2,080	3,913	3,130	2,546	1,820	2,111	2,640	1,939	2,384
		18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Name of	j d		Tot	al Patie	ents.			In-d	oor Pa	tients.		1 -	Sxpendi	ture in	Rupe	2.
Dispensary.	Olass of Dispen- sary.	1877.	1878.	1879.	1880.	1831.	1877.	1878.	1879.	1880.	1881.	1877.	1878.	1879.	1880.	1881.
Rohtak	lst	4,417	7,035	9,741	6,427	5,982	219	374	835	806	334	2,380	2,430	3,260	3,032	2,598
Jhajjar	2nd	2,658	2,566	3,512	2,720	2,629	66	129	133	117	193	884	875	1,082	1,419	1,196
Gohana	do.	3,343	3,702	3,614	3,797	4,123	141	212	178	150	163	998	953	1,664	1,295	1,506
Bahadurgarh	do.	1,318	2,885	6,667	5,949	4,954	68	196	255	210	222	1,057	766	1,388	1,225	1,413
Total		11,736	16,188	23,536	18,893	17,688	494	911	901	783	912	5,319	5,024	7,394	6,971	6,713

Note.—These figures are taken from Tables Nos. II, 1V, and V of the Dispensary Report.

-Table No. XXXIX, showing CIVIL and REVENUE LITIGATION.

1		2	3	4	5	6	7	8	9
		Nu	mber of Civil	Suits concern	ing	Value in ru	pees of Suits c	oncerning *	
YEAI	R.	Money or movable property.	Rent and tenancy rights.	Land and revenue, and other matters.	Total.	* Land.	* Other matters.	* Total.	Number of Revenue cases.
e i				-,				_	[
17 1878		2,981	612	544	4,137	21,912	2,18,520	2,40,432	14,811
1879		3,155	637	608	4,400	24,732	2,15,409	2,40,141	18,615
1880		3,465	678	372	4,515	49,311	2,75,922	3,25,233	5,458
1881		8,517	308	580	4,405	34,207	2,50,949	2,85,156	13,945
1882	•	3,631	468	532	4,631	27,478	2,43,114	2,70,587	9,165

Note.—These figures are taken from Tables Nos. V1 and V11 of the Civil Reports for 1878 to 1880, and Nos. II and 111 of the Reports on Civil Justice for 1881 and 1882.

**Suits heard in Settlement courts are excluded from these columns, no details of the value of the property being available.

Table No. XL, showing CRIMINAL TRIALS.

	1	2	3	4	5	6
	DETAILS.	1878.	1879.	1880.	1881.	1882.
Persons tried.	Discharged Acquitted Convicted Committed or referred	3,377 693 297 2,364 12	3,024 596 442 1,963 24	2,988 623 620 1,682 13	1881. 3,161 542 507 2,021 94 912 609 1,520 18 12 1,259 271 4 8 234 129 13 51 -73	3,011 605 621 1,766 26
Cases dis- posed of.	" (summary) Warrant cases (regular) " (summary) Total cases disprayed of	: : : : : : : : : : : : : : : : : : :	1,393	 i,482	609	1,009 1 504 1,514
need to	Transportation for life	. 1 2	::	2	12	2 2
Number of persons sentenced to	Fine under Rs. 10 " 10 to 50 rupees " 50 to 100 " " 100 to 500 " " 500 to 1,000 " Over 1,000 rupees	. 383 . 13 . 2	967 267 16 7	913 269 16 2	271 4 8	1,119 159 9 2
mber of	whipping 6 months to 2 years over 2 years	178 178 19 256	225 145 25 116	210 116 7 118	129 13	182 111 18 46
NE	Find sureties of the peace Recognisance to keep the peace Give sureties for good behaviour	. 87	25 101 168	8 117 185	73 222 88	54 185 89

Note.—These figures are taken from Statements Nos. III and IV of the Criminal Reports for 1878 to 1880, and Nos. IV and V of the Criminal Reports for 1881 and 1882.

Table No. XLI, showing POLICE INQUIRIES.

	ī	1	1	1	1	1	1	7	ī	1	ī	T	ſ	ſ	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Nu	mber of	cases i	oguired	into.	Nu	uber of	person ummon	s arres	ted or	Nu	mber of	person	s convi	cted.
Nature of offence.	1877	1878	1879	1880	1881	1877	1878	1879	1880	1881	1877	1878	1879	1880	1881
Rioting or unlawful assembly Murder and attempts	l a	11	7	8	10	73	123	89	112	102	64	90	64	82	92
Total serious offences	e e	4	8	7	7	17	5	8	14	45	3	4		2	6
against the person Abduction of married	12	25	24	29	24	91	146	116	143	156	68	107	78	94	106
women Total serious offences				•••											
against property Total minor offences	354	364	244	249	226	241	248	153	125	116	172	153	110	75	88
against the person Cattle theft Total minor offence	5 9 91	41 147	67 64	90 50	107 38	115 133	55 194	101 78	133 45	138 46	83 93	45 156	58 58	84 29	100 28
against property Total oognizable of-	863	543	324	320	253	731	681	382	404	303	487	523	253	243	193
fences	831	1,026	694	739	678	1,271	1,206	812	876	817	869	871	528	529	568.
Rioting, unlawful as- sembly, affray Offences relating to	9	1	8	12	12	40	2	58	49	58	38	2	33	43	49
marriage Total non-cognizable	2	6	2	1	3	2	10	2	1	5	1	6	1	1	2
offences	75	65	70	102	93	183	110	173	246	232	141	71	113	156	147
GRAND TOTAL of of- fences	1,809	2,233	1,512	1,607	1,451	2,897	2,780	1,967	2,148	2,018	2,019	2,028	1.296	1,338	1,379

Note.—These figures are taken from Statement A of the Police Report.

Table No. XLII, showing CONVICTS in GAOL.

													· ·
1	2	3	4	5	6	7	8	9	10	11	12	18	14
	No. in g beginning year	of the	No. imp during th	risone ie year	eligi	on of co	aviets.	Previ	ovs occ	upatio	ı of ma	le coni	ricts.
YDAR	Males.	Females.	Males.	Females.	Musalman.	Hindu.	Buddhist and Jam.	Official.	Professione.1.	Service.	Agricultural.	Commercial.	Industrial.
1877-78	174 242 176 156 163	7 6 4 5 7	816 966 545 458 452	3 3 35 22 22 22 19	555 82 68	659 663 74 98 96	:: :: ::	5 11 1 5 4		2 5 5 8	901 1,080 140 122 99	 5 6 3	::
	15	16	17	18	19	20	21	22	23	24	25		26
		Leng	th of sente	nce of c	onvict 1.				revious onvicte		Pecun	iary 1	results.
YEAR.	Under 6 months.	6 mouths to 1 year.	1 year to 2 years.	2 years to 5 years.	5 years to 10 years.	Over 10 years and transportation.	Death.	Once.	Twice.	More than twice.	Cost of main-		Profits of convict labour.
1877-78	798 58	220 249 71 84 36	152 173 18 28 20	52 11 13 10 16	8 15	1 2 1	3 1 1 12	62 73 18 19 15	15 10 2 7	6 8 1	15, 13, 10,	852 868 726 635 802	463 759 913 1,848 988

Nors.—These figures are taken from Tables Nos. XXVIII, XXIX, XXX, XXXI, and XXXVII of the Administration

Table No. XLIII, showing the POPULATION of TOWNS.

	. 1		2	3	4	5	6	7	8	9	10
	Tahsi	1.	Town.	Total popula- tion.	Hindus.	Sikhs.	Jains.	Musalmans.	Other religions.	No. of occupied houses.	Persons per 100 occupied houses.
J	hajjar ampia lohana		Rohtak Beri Kalanaur Mahm Kanhaur Sanghı Jhajjar Bahadurgarh Kharkhauda Gobana Baroda Mundlana	 15,699 9,695 7, \$7 7, \$1 5,251 5,191 11,659 6,974 4,144 7,456 7,444 5,900 5,409	8,180 8,576 4,201 3,903 1,804 4,621 6,895 3,538 2,545 6,971 2,739 5,603 5,130	62 3 4 1 2 31	501 3 109 94	6,928 813 3,061 3,314 3,356 545 4,659 2,672 1,579 533 3,833 283 288	28 	2,622 1,906 970 1,055 529 844 2,040 975 511 1 041 948 693 579	599 509 760 693 998 615 571 684 811 735 785 851 945

Rohtak District.]

Table No. XLIV, showing BIRTHS and DEATHS for TOWNS.

1		2	3	4	5	6	7	8	9	10	11	12	13
TOWN.		Sex.	Total papu- lation by the Census of	Tota		s regist the year	ered de r.	ring	Total o	leaths reg	ristered di	iring the	year.
IOWN.		Sex.	1875.	1877.	1878	1879.	1880.	1881.	1877.	1878.	1879.	1880.	1881.
Rohtak	{	Males . Females	7,694 7,30 0	286 286	245 179	127 92	184 166	275 247	279 247	424 421	334 240	160 144	211 175
Jhajjar	{	Males Females	6,152 6,804	237 235	157 143	158 140	190 155	308 248	176 192	216 216	612 727	144 107	157 16 5

Note.—These figures are taken from Table No. LVII of the Administration Report.

Table No. XLV, showing MUNICIPAL INCOME.

1	2	3	4	5	6	7
NAME OF MUNICIPALITY.	Rohtak.	Beri.	Jhajj.vr.	Bahadurgarh.	Kharkhauda.	Gohana.
Class of Municipality .	III.	III.	III.	III.	111.	III
1870-71 .	3,930	5,550	1,503			
1871-72	5,150	8,241	5,685			
1872-73	4,360	6,933	5,687	3,035	2,167	1,858
1873-74	6,069	7,674	5,672	3,317	1,844	3,064
1874-75	5,675	6,874	6,734	3,515	1,927	4,328
1875-76	5,224	4,192	5,683	2,631	2,000	8,181
1876-77	7,385	8,929	6,882	3,479	2,140	4,355
1877-78	6,121	7,875	6,425	4,291	1,902	4,304
1878-79	6,136	6,926	5,716	3,970	1,797	3,811
1879-80	7,703	9,072	6,279	3,919	1,962	4,337
1880-81	7,337	9,102	5,773	3,747	1,961	4,542
1881-82	8,036	8,482	5,822	4,188	2,038	4,692

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Bodli	:	7	ě	Bodli, c. d.	ė							-							Polite Tahat	Stat	ion.		•						٠.
Beri	:	8		19 Berl, a.	ę Ę													i	Police	Out-1	Police out-post.					_		•	
Bainsi	:	83	\$	53		Bainsi, d.	ď.														\$								
· Chhuchakwas	:	27	7 20	97	87	<u>ਬ</u>	huchi	Chhuchakwas, d.	s, d.																				
Chhars	:	16	9 11	∞	33	22		Chhara.																					
Dubaldhan	;	-23	9 21	٠,	35	00	2	Dag	Dubaldhan.	ġ																			,
Dighol	:	- 2	1 21	ın .	23	22	~	2	10 Dighol.	ol.																			
Farmana	:	- 53	33	53	53	8	20	34	52	Farmana	าลกล.																		
Gohana	:	4	46 51	34	- 20	4	4	æ	S	12	Goha	Gohana, a. b.	ø.																
Guryani	:	23	36 28	36	25.	15	56	23	23	54	8	59 Guryani.	ni.																
Hussainganj or Georgegarh	:	<u> </u>	24 16	4	ਲ 	4	5	જ	6	ž,	88	ន្ត	lussa	inga	nj or	Geor	20 Hussainganj or Georgegarh.	ĘÌ											
Jhajjar	;	- -	13 10	-8	34	<u>6</u>	00	11	Ξ	36	41	<u>8</u> 1	6 Jhajjar, a. b. d.	hajja	r, a.	5. d.													
Kalanour	٠		33 33	3 15	22	25	23	Ħ	14	27	32	#	91	<u>₩</u>	23 Kalanour, a. d.	ur, c	t. d.										•		
Kansala	:		20 23	3 25	24	38	77	56	12	1	33	2	20	22	23 K	Kansala.	형												
Kharkhauda	•	- .	12 23	-24	- 1	34	17	8	21	2	52	£8	 	25 3	32	.¥ !	8 Kharkhauda, a. d.	anda	, a										
Kosli	·		87 29	0 27	7 53	3 12	27	8	30	55	8	4	25 -	19 4	42 41		44 Kosli.	sli.											
Machhrauli	٠		27 19	17	43	11	17	20	8	45	S	=	15	6	32 31	- 5	<u> 2</u>		Machhrauli.	ulj.					-				
Mahm	•	- :	46 42	24		9 34	32	83	98	35	ន	22	-81	32 1	13 81	4	21	41		מישנ	. d.								- (
Madina	•	.	36 41	1 24		6 34	<u> </u>	61	8	25	8	. 49	88	31	8 21	08	20		 2	10 Madina.	lina.					•	Ę		ľ
Mandauthi	٠		7 10	0 14	34	4 21		2	14	83	41	90	- 8	12 2	29 14	13	<u>د</u>	21	7	31	31 Mandauthi.	lauth	~ i		`	E.			
Mundlana	٠		52 57	4	92	05 0	47	-24	36	18	9	65	44	74	38 37	- 58	8 99	99	35	8	F	Mund	Mundlana, c.	ų,	٠.				
Pataudha	:	- .	32 15	5 22	2 48	8 15	52	52	25	9	22	6	 8	3.	32 36	88	12	9	\$	45	92	[E	Pataudha.	dha.	٠,				
Rohtak	:	.	26 31	1 14	4 13	3 24	12	6;	2	15	13	33	81	 ;;	12 11	<u>유</u>	0	္က	8	91	6	82	35 R	Rohtak, a. b. d.	ה'ש'י	b. a.			
Sampla	;	-	11 15	2 13	8 28	8 8	9	82	ន	21	38	32	14	14	27	8 11	1 33	83	35	25	9	4	28	S	mpla	15 Sampla, a. b. d.	.,		
Salhawas	:		83 25	23	8 49	8 	- 53	19	26	51	8	00	14	15	38 37		40	=	47	8	23.	88	13 3	85°	8	Salhawas, a.	ą		
Siwana Mal	:		57 62	5	31	25	52	20	41	23	11	57	- 63 - 53	52	43 42		33 71	7	\$	4	22	=	99	31 46	12	46 67 Siwana Mal, c. d.	na Maľ,	rei v	
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